

TASCAM

D01386554A

Sonicview 16

Sonicview 24

数字调音台

有关本设备所有功能的信息，请参阅参考手册。您可从TASCAM网站上下载参考手册的电子版。

Please see the Reference Manual for information about all the unit's functions. You can download the Reference Manual from the TASCAM website.



Sonicview 16

https://tascam.jp/int/product/sonicview_16/docs



Sonicview 24

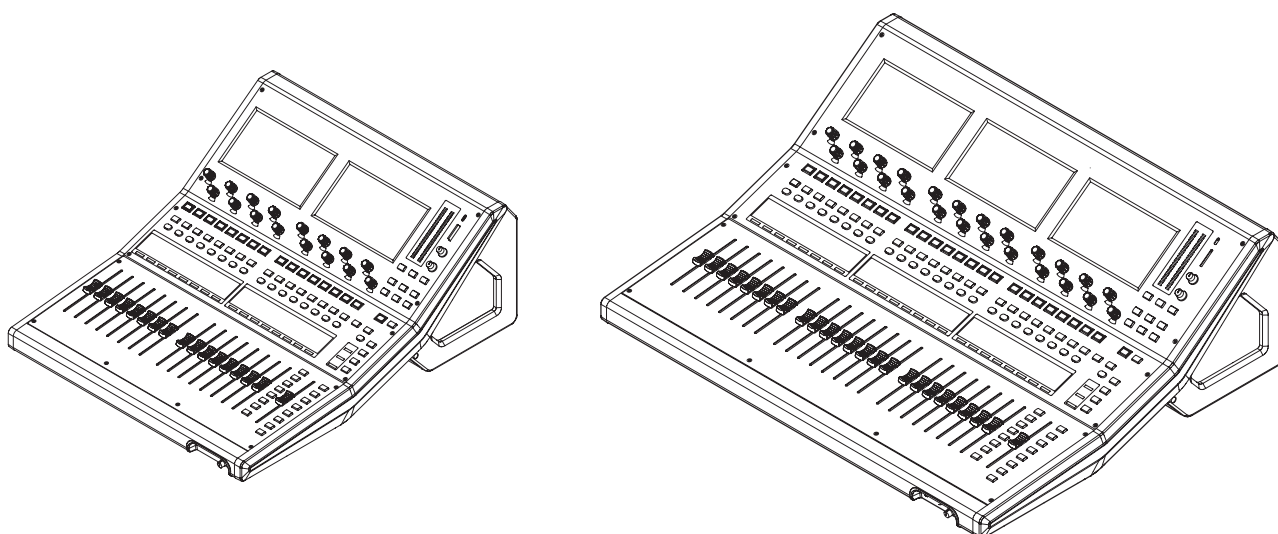
https://tascam.jp/int/product/sonicview_24/docs

用户手册

OWNER'S MANUAL

中文

ENGLISH



使用说明书发行日期: 2023年8月

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用户手册

重要安全注意事项

	注意: 为降低触电风险, 请勿拆除护罩 (或后板)。设备内部未包含用户自行维修的部件。仅允许专业维修人员进行维修。
	左图内有带箭头的闪电等边三角形标志, 是要提醒用户注意在产品外壳上非绝缘的, 足以致使人触电的“危险电压”。
	左图内有感叹号等边三角形的标志, 是提醒用户注意标志旁重要的操作和维护指导说明。

警告: 为避免发生火灾或触电, 不要使本设备受到雨淋或受潮。

1. 仔细阅读此操作说明。
2. 妥善保管此操作说明。
3. 注意所有警告事项。
4. 遵守所有操作说明。
5. 不要在有水区域附近使用本设备。
6. 仅允许使用干布清洁设备。
7. 不要堵塞设备通风口。按照产品制造商操作说明中的相关规定进行安装。
8. 不要在散热器、热风调节器、烘箱或其他可产生热量的仪器 (包括放大器) 等热源附近安装设备。
9. 不要破坏极性插头或接地式插头。极性插头包含两块插片。接地式插头包含两块插片和一个接地插脚。宽型插片或接地插脚主要用于确保使用安全。如果随机附带的插头与您所使用的插座不匹配, 请向电气技术人员咨询废旧插座的相关更换事宜。
10. 保护电源线免受踩踏或挤压, 特别是插头、电源插座, 和电源线等与设备连接的部分。
11. 仅允许使用设备制造商指定的附件/配件。
12. 仅允许使用设备制造商指定或随机销售的推车、支架、三脚架或工作台。使用推车移动设备过程中, 为避免发生倾覆, 必须严格遵循相关注意事项。



13. 雷雨天气或长时间未使用时, 应拔除设备电源插头。
 14. 仅允许专业维修人员进行维修。设备出现任何形式的损坏时必须进行维修, 例如: 电源线或插头损坏、液体溅入或异物落入设备内、设备受到雨淋或受潮、操作不正常或发生掉落。
- 在设备的 POWER 或 STANDBY/ON 开关未处于 ON 位置时, 设备从交流电源插座获取标称非运行功率。
 - 电源插头可作为断开装置, 断开装置应随时处于可用状态。
 - 由于来自于耳机的过大声压 (音量) 可能导致听力受损, 因此, 在设备使用过程中, 佩戴耳机时, 应遵守相关注意事项。
 - 如果您所购买的设备遇到此类问题, 请致电 TEAC 维修人员。故障设备完成维修前, 不要使用。

警告

- 1 类设备配有带接地插头的电源线。此类产品的电源线必须插入有接地保护连接的交流插座。

警告

- 为了防止可能的听力损伤, 请勿在高音的模式下长时间进行聆听。



注意

- 不要将本设备放置在滴水或溅水区域。
- 不要在本设备上放置装有液体的物品, 例如: 花瓶。
- 不要在密闭空间内安装本设备, 例如: 书柜或类似物品。
- 本设备应安装在紧邻交流电源插座的位置, 以便您可随时很容易地握住电源线的插头。
- 如果本设备使用电池 (包括电池组或内置式电池), 不要将其放置在阳光下、火源或高温区域。
- 由于本设备使用可更换式锂电池, 若更换为型号不匹配的电池, 可能导致爆炸。仅允许更换为相同或同等类型的电池。

注意

- 不要移除外壳或机壳以免暴露电子设备。设备内部未包含用户可自行维修型部件。
- 如果您在使用本设备时遇到此类问题, 请联系您购买本设备的商店获得服务推荐。故障设备完成维修前, 请勿使用。
- 除本手册规定之外, 任何其他控制的使用或步骤的调整或执行均可能导致辐射暴露。

对于中国客户

-  “仅适用于海拔 2000m以下地区安全使用”
-  “仅适用于非热带气候条件下安全使用”
-  “环境保护使用年限”

产品有毒有害物质或元素的名称及含量

机种: Sonicview 16/Sonicview 24		有毒有害物质或元素					
	品名	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr6+)	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
1	CHASSIS部	○	○	○	○	○	○
2	FRONT PANEL部分	○	○	○	○	○	○
3	螺丝部分	○	○	○	○	○	○
4	线材部分	○	○	○	○	○	○
5	PCB Assy部分	×	○	○	○	○	○
6	电源部分	×	○	○	○	○	○
7	附属品部分	×	○	○	○	○	○
8	LABEL部分	○	○	○	○	○	○
9	包装部分	○	○	○	○	○	○

○：表示该有毒有害物质在该部件所有均质材料中的含量均在 GB/T26572 标准规定的限量要求以下。
×：表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 GB/T26572 标准规定的限量要求。
(针对现在代替技术困难的电子部品及合金中的铅)

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简介

感谢您选购 TASCAM Sonicview 16/24 数字调音台。

使用本设备之前，请仔细阅读本用户手册，正确进行使用，并长年畅享使用本设备的乐趣。阅读完本手册后，请妥善保管本手册，以备将来参考。

您也可从 TASCAM 网站下载本用户手册的电子版。



Sonicview 16

https://tascam.jp/int/product/sonicview_16/docs



Sonicview 24

https://tascam.jp/int/product/sonicview_24/docs

关于参考手册

本用户手册提供了本设备概述。有关所有功能的详细信息，请参阅参考手册。

您可从 TASCAM 网站下载参考手册。

此产品随附的项目

本产品随附以下项目。

小心打开包装，避免损坏物品。保存包装材料以作日后的搬运。

如果包装内的物品出现缺失或由于运输导致损坏时，请致电设备销售的商店。

- 主机 x 1
- 电源线 x 1
- 用户定义的控制功能列表 x 1
- 框图 x 1
- 用户手册（本文档）（含保修卡） x 1

本手册内的相关规定

本手册中，我们使用下面的相关规定。

- 本设备有两种可操作的按钮：顶部面板上的实物按钮和在触摸屏上显示的按钮。将顶部面板上的按钮视为按键，比如“MUTE 键”。
- 将触摸屏下方一组 8 个旋钮称作“LCD 旋钮”，并且从左到右依次视为 LCD 旋钮 1 - LCD 旋钮 8。
- SDHC/SDXC 存储卡统称为“SD 卡”。
- 需要时，可通过下列方式引入附加信息：

技巧

是关于如何使用设备的提示。

注释

提供补充说明和阐述特殊情况。

注意

如果不遵守这些说明，可能引起设备损坏或数据丢失。

⚠ 注意

如果不遵守这些说明，可能引起人身伤害。

放置和使用时的注意事项

- 本机的工作温度范围为 0–40° C。
- 不要在下列位置进行设备安装。这样做会使音质变差或导致故障。
 - 存在明显振动的区域
 - 靠近门窗或其他可能暴露在直射阳光下的区域
 - 在加热器或其他高温区域
 - 低温区域
 - 非常潮湿或通风不良的区域
 - 多尘区域
- 不要堵塞设备背面和侧面的散热通气孔。
- 为了确保散热良好，请勿在本设备顶部放置任何物体。
- 不要把本设备放置在功率放大器或其他会产生热量的设备上。

关于电源的注意事项

- 将电源线完全插入 AC 插座。
- 不要连接 AC100V- 240V (50/60Hz) 以外的电源。
- 连接或断开电源线时，请握住电源线的插头。

注意冷凝

如果将设备由低温区域移至高温区域，或在温度突变区域内使用设备时，可能存在冷凝风险。

为避免发生此情况，或如果发生此情况时，将本设备放置在新的室温下一或两个小时再开启。

清洁设备

清洁设备时，应使用软质干布轻轻擦拭。不要使用化学清洁布、擦拭油漆稀释剂、酒精或其他化学剂清洁本设备。这样做将会损坏设备表面或引起变色。

关于 SD 卡

本设备使用 SD 卡进行录制和播放。

本设备可使用 10 级或更高级别、并与 SDHC 或 SDXC 标准兼容的 SD 卡。

您可以在 TASCAM 网站上找到已确认能在本机上工作的 SD 卡列表。或者，请联系 TASCAM 的客户支持服务部门。

使用注意事项

SD 卡是精密型存储介质。

为了避免损坏 SD 卡，操作时请采取以下预防措施。

- 不要将它们放置在高温或低温区域。
- 不要将它们放置在极潮湿的区域。
- 不要让它们淋湿。
- 不要在其顶部放置任何物品或对其进行弯折。
- 不要敲它们。
- 在录制、播放、数据传输或其他访问时不要取出或插入它们。
- 运输时把它们放进盒子内。

SD 卡写保护

本设备在媒体上写入录制 / 播放文件夹的设置数据。由于无法将设置信息写入受写保护的 SD 卡，因此在重新启动设备时不会保留录制 / 播放文件夹的设置，否则会影响性能。

注意格式

经本设备格式化的 SD 卡已经过优化，可以提高录制期间的性能。使用本设备格式化与其一同使用的 SD 卡。使用计算机或其他设备格式化的 SD 卡在本设备上录制时，可能会发生错误。

关于 TASCAM 客户支持服务

TASCAM 产品仅在其购买国 / 地区提供支持和保修服务。

要在购买后获得支持，请在 TEAC 全球网站 (<https://teac-global.com/>) 的 TASCAM 代理列表页面，搜索您购买本产品的地区的当地公司或代表，并联系该组织。

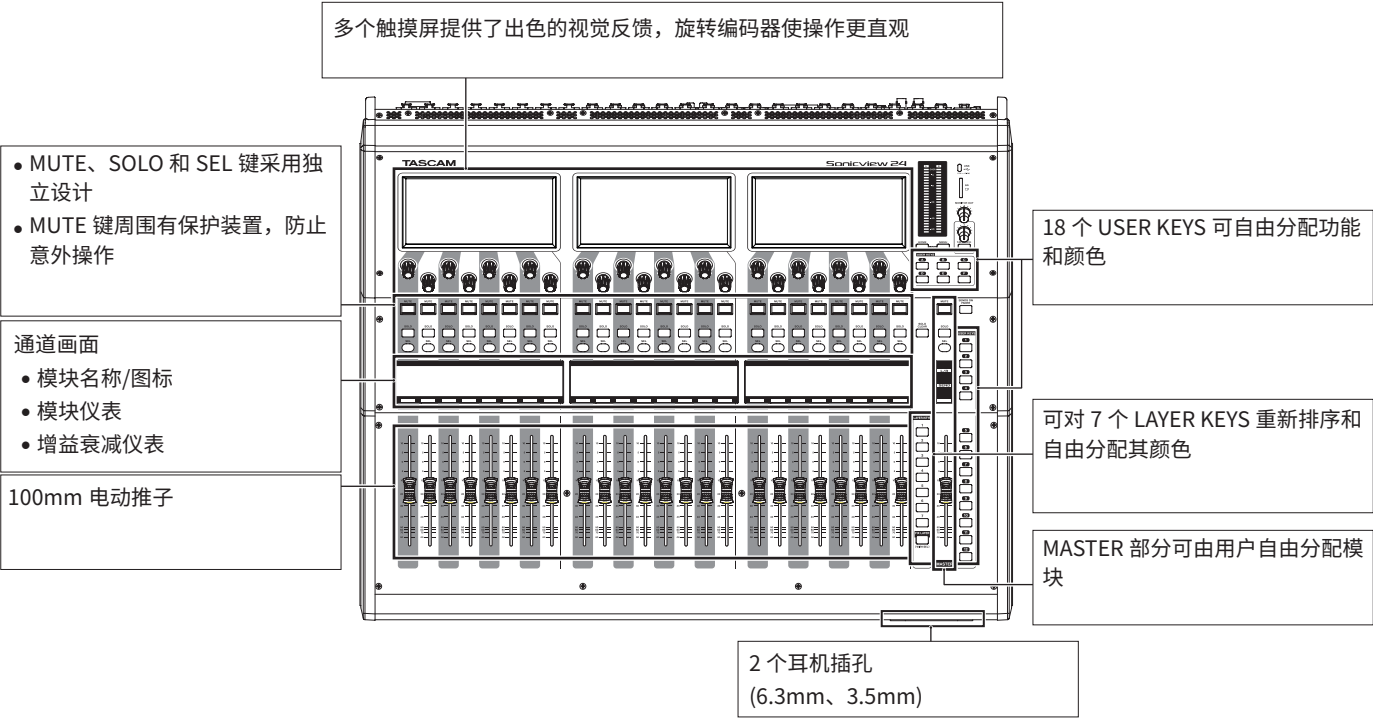
查询时，需要提供购买产品的店铺或网店的地址（URL）以及购买日期。

此外，可能还需要保修卡和购买证明。

特点

主要特点

每个 8-通道模块都有带 8 个 LCD 旋钮的触摸屏，使每个通道各种参数的操作更直观，从而允许同时进行状态监控。



主要规格

同步处理能力

- 输入：40 个单声道和 2 个立体声通道
- 输出总线：22 个可切换的 AUX/GROUP 总线和 1 个立体声主总线
- 4 个内部效果器、4 个效果发送总线和 4 个立体声音效反馈通道

输入和输出端口

- 16 个或 24 个麦克风 / 线路输入
- 2 个立体声 RCA 输入
- 16 个模拟线路输出
- 立体声模拟监听输出
- Dante I/O，支持冗余
- 2 个扩展槽
- 32-in/32-out USB 音频接口

内部处理

- 96 kHz/54-bit 浮点运算

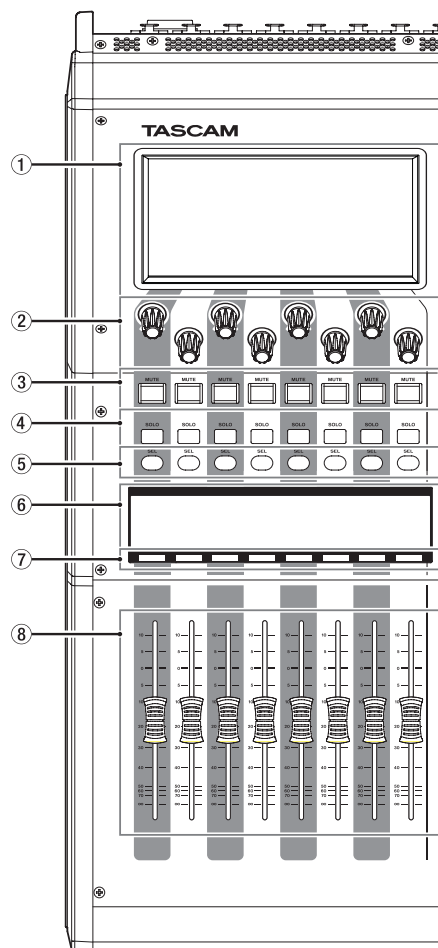
部件的名称和功能

顶部面板

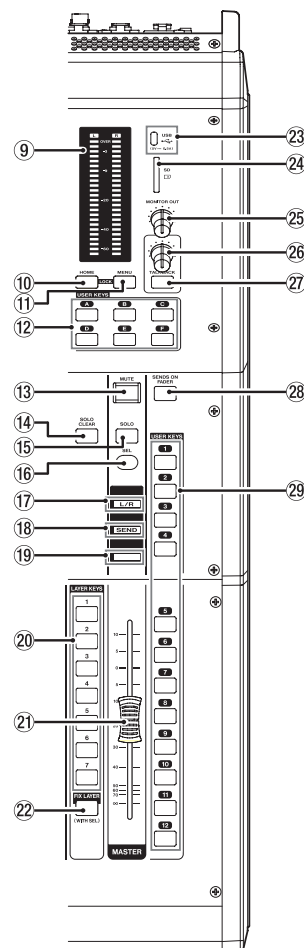
注释

带指示灯的各种按钮甚至在关闭时仍保持微亮，使其即使在黑暗的环境中也更容易看到和使用。

通道部分



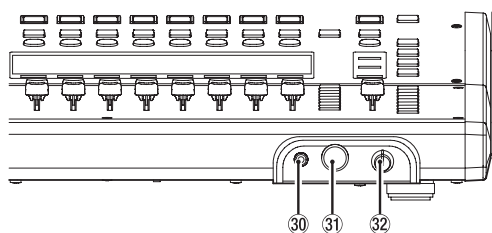
主控部分



- ① 触摸屏
- ② LCD 旋钮和指示灯
- ③ MUTE 键和指示灯
- ④ SOLO 键和指示灯
- ⑤ SEL 键和指示灯
- ⑥ 通道画面
- ⑦ 通道彩条
- ⑧ 通道推子
- ⑨ 输出仪表
- ⑩ HOME 键
- ⑪ MENU 键
- ⑫ USER KEYS A-F 和指示灯
- ⑬ MUTE 键和指示灯 (MASTER)
- ⑭ SOLO CLEAR 键和指示灯
- ⑮ SOLO 键和指示灯 (MASTER)
- ⑯ SEL 键和指示灯 (MASTER)
- ⑰ L/R 指示灯

- ⑱ SEND 指示灯
- ⑲ 彩条 (MASTER)
- ⑳ LAYER KEYS 1-7 和指示灯
- ㉑ MASTER 推子
- ㉒ FIX LAYER 键和指示灯
- ㉓ USB 端口 (5V --- 0.5A)
- ㉔ SD 卡插槽
- ㉕ MONITOR OUT 音量旋钮
- ㉖ TALKBACK 音量旋钮
- ㉗ TALKBACK 键和指示灯
- ㉘ SENDS ON FADER 键和指示灯
- ㉙ USER KEYS 1-12 和指示灯

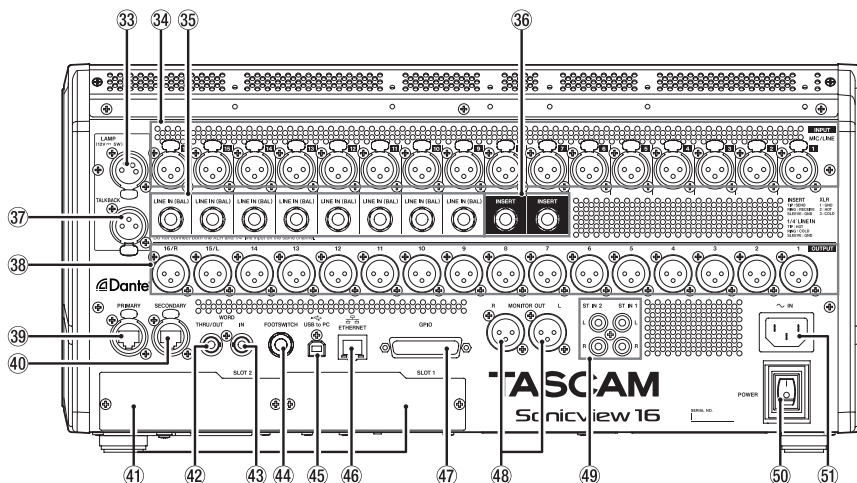
前面板



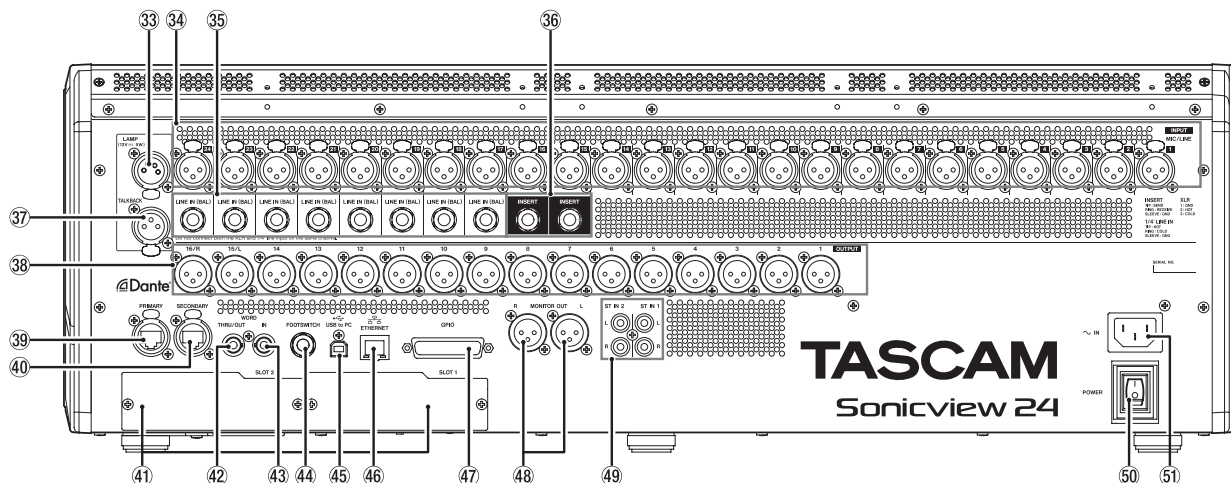
- ③① 耳机插孔（立体声迷你）
- ③① 耳机插孔（立体声耳机）
- ③② 耳机音量旋钮

后面板

Sonicview 16



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- ③③ LAMP 插孔
- ③④ MIC/LINE 输入插孔
- ③⑤ LINE IN (BAL) 插孔（TRS 耳机）
- ③⑥ INSERT 插孔（TRS 耳机）
- ③⑦ TALKBACK 输入插孔
- ③⑧ 模拟输出插孔
- ③⑨ Dante PRIMARY 连接器
- ④① Dante SECONDARY 连接器
- ④② 扩展卡插槽（SLOT 1/SLOT 2）
- ④③ WORD THRU/OUT 连接器
- ④④ FOOTSWITCH 插孔
- ④⑤ USB to PC 端口
- ④⑥ ETHERNET 端口
- ④⑦ GPIO 连接器
- ④⑧ MONITOR OUT L/R 插孔
- ④⑨ ST IN 1/ST IN 2 插孔
- ⑤① POWER 开关
- ⑤② AC IN 连接器

开启和关闭设备

⚠ 注意

- 启动或关闭设备前，请调低与本设备相连的声音系统的音量。
- 当开启和关闭本设备时，请勿佩戴已连接的耳机。较大噪声可能损坏扬声器或损害听力。

开启电源前

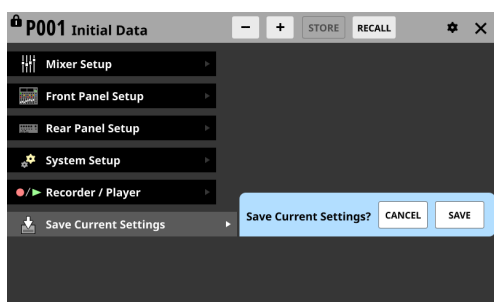
- 将随附的 AC 线连接到 AC IN 连接器 (⑤)。
- 将输入源连接到 MIC/LINE 输入插孔 (③④)，LINE IN (BAL) 插孔 (③⑤)，ST IN 1 L/R 插孔 (④⑨) 和 ST IN 2 L/R 插孔 (④⑨)。
- 将监听扬声器（有源监听扬声器或放大器和扬声器系统）以及其他线路电平输入连接到模拟输出插孔 (③⑧) 和 MONITOR OUT L/R 插孔 (④⑧)。
- 必要时，将计算机或其他外部设备连接到 USB 端口 (④⑤)。
- 如需使用 FOOTSWITCH (④④) 和 GPIO (④⑦) 连接器，请与其进行连接。

开启电源

- 使用 POWER 开关 (⑤⑩) 开启本设备。
- 开启连接的监听扬声器（有源扬声器或放大器和扬声器系统）。

关闭电源

- 关闭已连接的放大器和有源扬声器。
- 按下 MENU 键 (⑪)，以打开菜单画面，并点击 Save Current Settings 选项。



- 点击 SAVE 按钮，将当前设置保存到内部存储器。
- 使用 POWER 开关 (⑤⑩) 关闭本设备。

⚠ 注意

设备运行时（包括录制、播放、将数据写入 SD 卡或 USB 闪存驱动器、或保存设置到内部存储器），请勿关闭电源或断开电源线。否则可能会导致正常录制失败，数据丢失以及监听设备突然发出嘈杂的噪声，进而损坏设备，损害听力或引起其他故障。

操作步骤

画面概述

LCD 旋钮和触摸屏

可使用 LCD 旋钮控制旋钮上方触摸屏上显示和所选的参数。当使用 LCD 旋钮时，相应的指示灯点亮。



LCD 旋钮和指示灯

主要的画面

主画面（在所有触摸屏上显示）



- 本设备启动后立即出现的主画面在触摸屏上显示一排通道条。
- 按下本设备顶部的 HOME 键 (⑩)，以打开主画面。
- 这样不仅可显示各种仪表，还能显示和操作多个模块的主要参数。
- 点击参数进行选择，并使用 LCD 旋钮 (②) 调整参数。

设置主画面上的各种参数

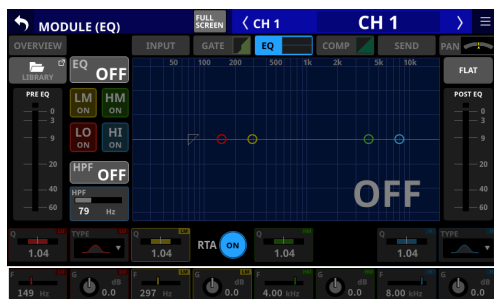
点击主画面上的 (A)、(C) 或 (E) 区，以显示选择框。

选定已点击区，从而使用 LCD 旋钮 (2) 启用设置。



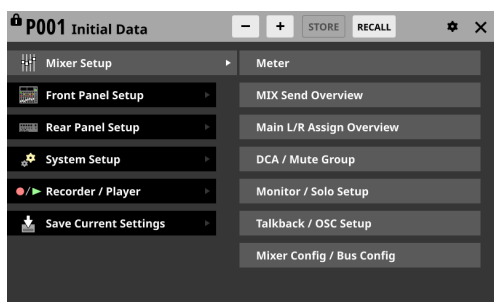
- (A) INPUT/FX/OUTPUT 区
- (B) GATE/EQ/GEQ/COMP 区
- (C) SEND 区
- (D) PAN 区
- (E) NAME 区

MODULE 画面 (在所有触摸屏上显示)



- 按下本设备顶部的 SEL 键 (5), (16) 或点击主画面顶部的图示或选择框，以打开其中一个画面。
- 可以显示和操作所选模块的调音台参数并显示各种仪表。
- 点击参数进行选择，并使用 LCD 旋钮调整参数。

菜单画面 (在右侧触摸屏上显示)

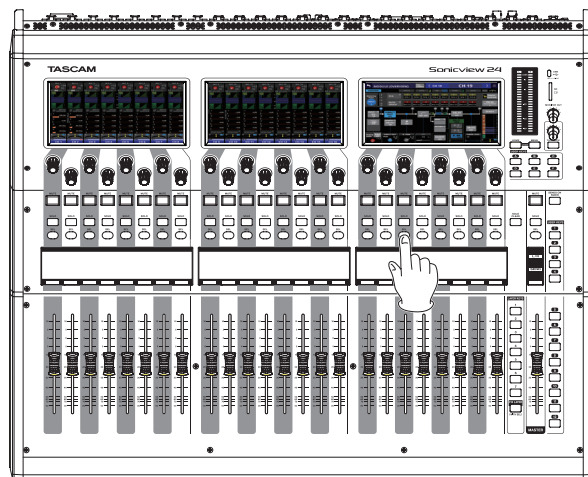


- 按下 MENU 键 (11)，以打开右侧触摸屏上的菜单画面。可在此画面上调整各种系统设置。
- 菜单结构如下所示。有关每个菜单项的详细信息，请参见参考手册。

菜单项	子菜单项
Mixer Setup	Meter
	MIX Send Overview
	Main L/R Assign Overview
	DCA / Mute Group
	Monitor / Solo Setup
	Talkback / OSC Setup
Front Panel Setup	Mixer Config / Bus Config
	User Key Setup
	Layer / Master Fader Setup
	Talkback Setup
Rear Panel Setup	Brightness
	Dante Setup
	Slot Setup
	WORD OUT Mode Setup
	Network Setup
	FOOT SW Setup
	GPIO Input Setup
	GPIO Output Setup
	LAMP Dimmer Setup
System Setup	Info
	Sync Clock
	Preferences
	Media Manage
	All System Data
	Clock Adjust
	Version Information
Recorder / Player	Firmware Update
	Recorder / Player
Save Current Settings	Multi Track Recorder

通道模块和触摸屏

- 通道模块的主画面 (Fader/SEL/SOLO/MUTE) 显示在其上方的触摸屏上。
- MODULE 画面显示在被操作的 SEL 键 (5) 上方的触摸屏上。



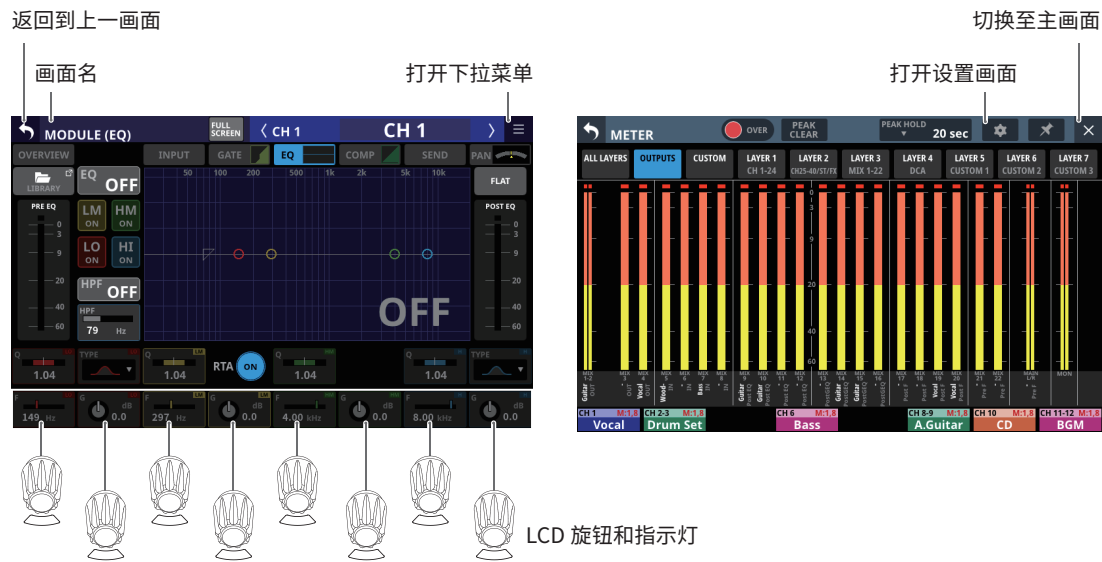
基本操作

触摸屏操作

点击 / 滑动触摸屏上的选项以操作触摸屏。

特殊的触摸屏操作

连续触摸	连续触摸 +48V 按钮，以开启和关闭幻象电源 (+48V)。
连续点击 / 触摸	点击 MONITOR SETUP 画面的 MONITOR/SOLO 页面上的 DIM 按钮，或点击 TALKBACK/OSCILLATOR 页面上的 TALKBACK 按钮将开启 / 关闭此功能。连续触摸按钮会暂时开启此功能，直至释放按钮为止。



LCD 旋钮操作

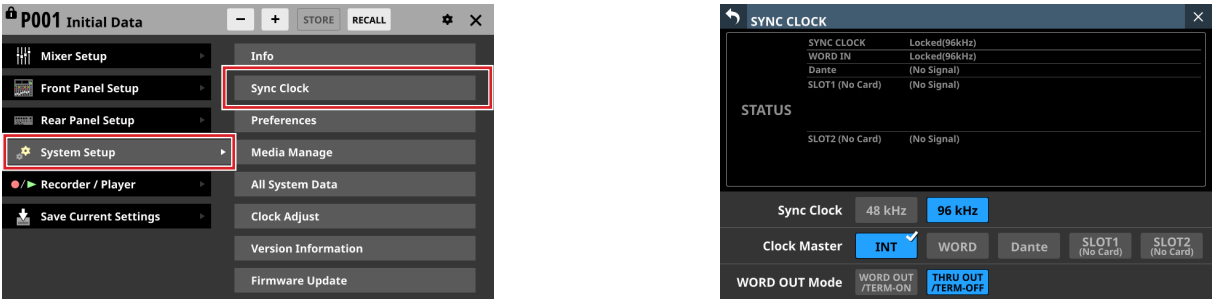
可使用 LCD 旋钮控制旋钮上方触摸屏上显示和所选的参数。
当使用 LCD 旋钮时，相应的指示灯点亮。

LCD 旋钮	说明
转动，但不按压	可实现转动一次进行一步精准的调整。
转动的同时按压	可实现从一个极限到另一个极限进行快速的参数调整。

设置

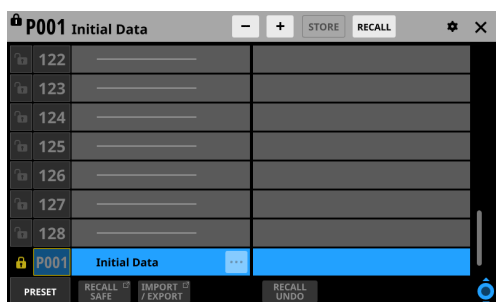
设置主时钟和 WORD 连接器

如需设置本设备的主时钟和 WORD 连接器，按下 MENU 键 (Ⓜ)，以打开菜单画面。然后，从 System Setup 菜单选择 Sync Clock 选项，以打开 SYNC CLOCK 画面。



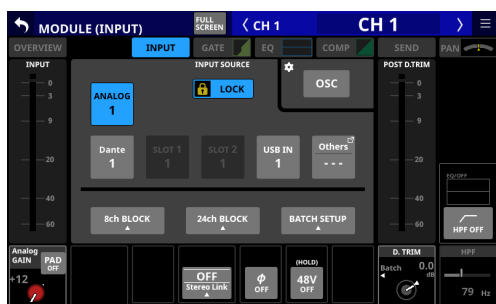
恢复默认设置

如需将包括信号处理和路由在内的所有设置恢复至其默认值，使用菜单画面顶部的 和 按钮选择“P001 Initial Data”，并点击 RECALL 按钮。



输入路由

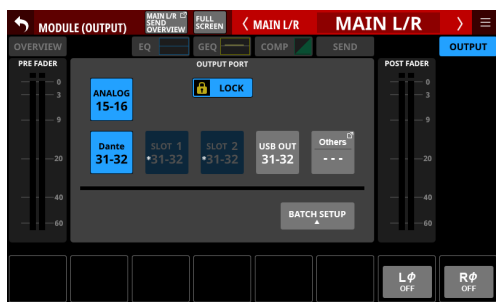
如需查看和变更输入通道路由设置，点击通道 1–40 或 ST IN 1-2 模块的主画面顶部的输入区（第 11 页的“设置主画面上的各种参数”的 (A) 区），以显示选择框。然后，再次点击选择框，以打开 MODULE (INPUT) 画面。



输出路由

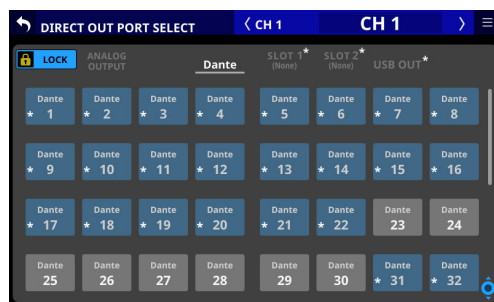
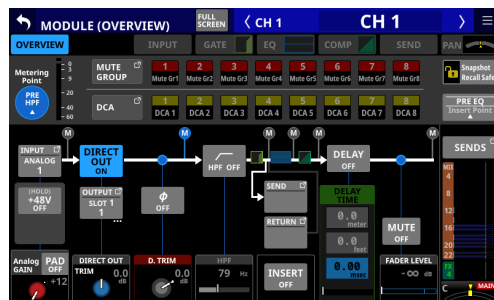
如需查看和变更输出连接器路由设置，点击 MIX 1–22 模块的主画面顶部的输出区（第 11 页的“设置主画面上的各种参数”的 (A) 区），以打开 MODULE (OUTPUT) 画面。

如需查看和变更 MAIN L/R 输出连接器路由设置，按下 MASTER 部分 SEL 键 (16)，以打开 MAIN L/R 主控 MODULE 画面。然后，点击画面顶部的 OUTPUT 画面选择按钮，以打开 MODULE (OUTPUT) 画面。



直接输出路由

如需查看和变更直接输出路由设置，点击主画面的通道 1–40 NAME 区（第 11 页的“设置主画面上的各种参数”的 (E) 区），以打开 MODULE (OVERVIEW) 画面。然后，点击 DIRECT OUT TRIM 音量区上方的 OUTPUT 按钮，以打开 DIRECT OUT PORT SELECT 画面。



功能

层

可在七个层中自由分配和安排通道组和自定义层。可使用 LAYER KEYS 轻松打开不同的模块。

变更 Layer Key Setup 画面上的 LAYER KEYS (20) 设置。使用菜单画面 > Front Panel Setup 菜单 > Layer / Master Fader Setup 选项，打开此设置。

LAYER KEYS 1–7 的默认设置

Sonicview 16 设置

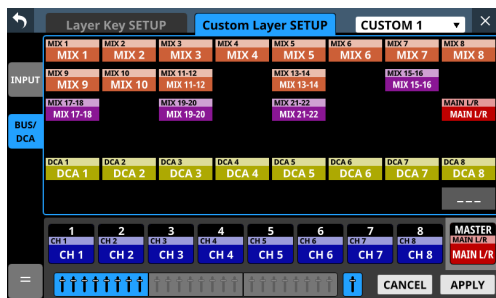
按键	分配的功能
LAYER KEYS 1	CH 1-16
LAYER KEYS 2	CH 17-32
LAYER KEYS 3	CH 33-40 / ST IN / FX RTN
LAYER KEYS 4	MIX 1-16
LAYER KEYS 5	MIX 17-22 / MAIN L/R
LAYER KEYS 6	DCA
LAYER KEYS 7	CUSTOM 2

Sonicview 24 设置

按键	分配的功能
LAYER KEYS 1	CH 1-24
LAYER KEYS 2	CH 25-40 / ST IN / FX RTN
LAYER KEYS 3	MIX 1-22 / MAIN L/R
LAYER KEYS 4	DCA
LAYER KEYS 5	CUSTOM 1
LAYER KEYS 6	CUSTOM 2
LAYER KEYS 7	CUSTOM 3

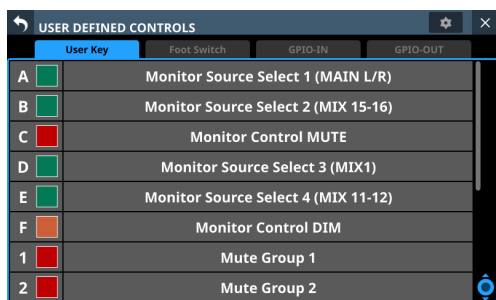
MASTER 推子

可将模块根据需要分配给 MASTER 推子（默认分配 MAIN L/R）。
从 Custom Layer SETUP 页面变更 MASTER 推子的设置。使用菜单画面 > Front Panel Setup 菜单 > Layer / Master Fader Setup 选项，打开此设置。



User Defined Control

可将不同的功能和操作分配给 18 个 USER KEYS、脚踏开关和 8-input/8-output GPIO 端口。
变更 User Key Setup 页面上的 USER KEYS 设置。使用菜单画面 > Front Panel Setup 菜单 > User Key Setup 选项，打开此设置。



变更 Foot Switch 页面上的脚踏开关设置。使用菜单画面 > Rear Panel Setup 菜单 > FOOT SW Setup 选项，打开此设置。

USER KEYS A-F/1-12 的默认设置

按键	点亮的颜色	分配的功能
USER KEYS A	绿色	Monitor Source Select 1 (MAIN L/R)
USER KEYS B	绿色	Monitor Source Select 2 (MIX15-16)
USER KEYS C	红色	Monitor MUTE
USER KEYS D	绿色	Monitor Source Select 3 (MIX1)
USER KEYS E	绿色	Monitor Source Select 4 (MIX11-12)
USER KEYS F	橙色	Monitor DIM
USER KEYS 1	红色	Mute Group 1
USER KEYS 2	红色	Mute Group 2
USER KEYS 3	红色	Mute Group 3
USER KEYS 4	红色	Mute Group 4
USER KEYS 5	橙色	Sends On Fader Mix1
USER KEYS 6	橙色	Sends On Fader Mix2
USER KEYS 7	橙色	Sends On Fader Mix3
USER KEYS 8	橙色	Sends On Fader Mix4
USER KEYS 9	橙色	Sends On Fader Mix5
USER KEYS 10	橙色	Sends On Fader Mix6
USER KEYS 11	橙色	Sends On Fader Mix7
USER KEYS 12	橙色	Sends On Fader Mix8

默认脚踏开关设置

分配的功能
Tap Tempo FX3 Delay1

GPIO 设置

变更 GPIO-IN/GPIO-OUT 页面上的 GPIO 设置。使用菜单画面 > Rear Panel Setup 菜单 > GPIO Input Setup/GPIO Output Setup 选项，打开此设置。
针分配如下所示。

针编号	功能	IN/OUT
1	GND	-
2	GPIO IN 2	IN
3	GPIO IN 4	IN
4	GPIO IN 6	IN
5	GPIO IN 8	IN
6	NC	-
7	NC	-
8	NC	-
9	GPIO OUT 2	OUT
10	GPIO OUT 4	OUT
11	GPIO OUT 6	OUT
12	GPIO OUT 8	OUT
13	NC	-
14	GPIO IN 1	IN
15	GPIO IN 3	IN
16	GPIO IN 5	IN
17	GPIO IN 7	IN
18	NC	-
19	NC	-
20	GND	-
21	GPIO OUT 1	OUT
22	GPIO OUT 3	OUT
23	GPIO OUT 5	OUT
24	GPIO OUT 7	OUT
25	+5V	-

IN：用于指令输入

- 内部电路，+5V pull-up
- 以 50 msec 或更长秒数的低信号输入运行

OUT：用于指令和计数输出

- 内部电路是集电极开路（10Ω 输出阻抗）
- 20V 介电强度，最大电流 35mA

+5V：50mA 最大供电电流

User Defined Control 功能列表

请参见单独随附的 User Defined Control 功能列表，了解可分配给用户定义的控制器的功能（USER KEYS、FOOTSWITCH、GPIO IN 和 GPIO OUT）。

这些功能可分配给 USER DEFINED CONTROLS 画面的每个控制器。

输入通道

输入通道类型概述

CH1-40

这些可在单声道和立体声之间切换的输入模块，配有 2 个动态通道和 EQ。

ST IN1-2

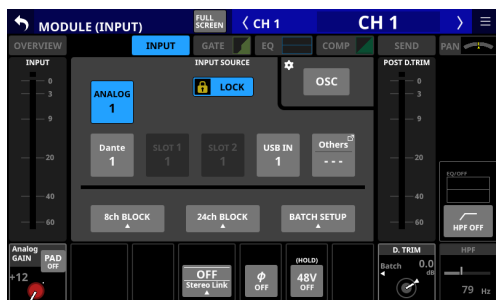
这些输入模块专用于立体声，并且配有 EQ。

FX RTN1-4

这些立体声输入模块专用于效果返回，并且配有 EQ。

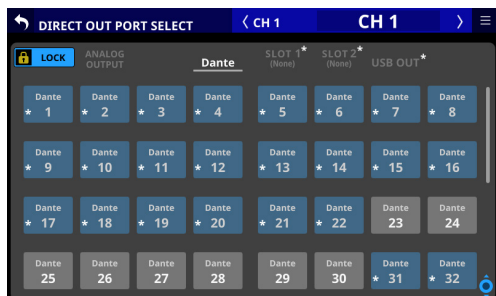
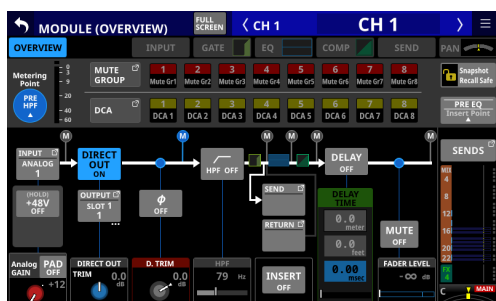
输入连接器分配（输入路由）

如需查看和变更输入通道路由设置，点击通道 1-40 或 ST IN 1-2 模块的主画面顶部的输入区（第 11 页的“设置主画面上的各种参数”的 ① 区），以显示选择框。然后，再次点击选择框，以打开 MODULE (INPUT) 画面。



直接输出路由

如需查看和变更直接输出路由设置，点击主画面的通道 1-40 NAME 区（第 11 页的“设置主画面上的各种参数”的 ① 区），以打开 MODULE (OVERVIEW) 画面。然后，点击 DIRECT OUT TRIM 音量区上方的 OUTPUT 按钮，以打开 DIRECT OUT PORT SELECT 画面。



输入电平调整 (GAIN/PAD/+48V/Φ)

- 点击 CH 1-40 或 ST IN 1-2 模块主画面上的 INPUT 区（第 11 页的“设置主画面上的各种参数”的 ① 区），以显示选择框。然后，使用 LCD 旋钮（②）调整正在显示的参数。
如果选择 ANALOG 作为输入源，从模拟输入插孔调整输入电平。
如果未选择 ANALOG 作为输入源，调整 D.TRIM。
- 当选择框在 INPUT 区（第 11 页的“设置主画面上的各种参数”的 ① 区）显示时，点击选择框，以打开 MODULE (INPUT) 画面。可在此画面设置输入源、输入电平、PAD 功能、幻象电源、极性 (Φ) 和其他选项。

GATE/EQ/COMP

点击模块主画面上的 GATE/EQ/COMP 区（第 11 页的“设置主画面上的各种参数”的 ② 区），以打开 MODULE (GATE)、MODULE (EQ) 或 MODULE (COMP) 画面。在这些画面上，使用触摸屏（①）和 LCD 旋钮（②），进行 GATE/EQ/COMP 设置。此外，通过使用 MODULE 画面上的 LIBRARY 按钮打开 LIBRARY 画面，可调用预设数据并储存当前设置。

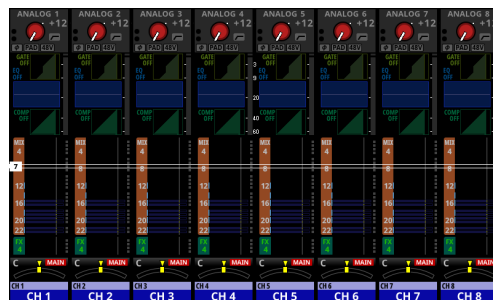
SEND 电平调整

- 点击主画面上的 SEND 区（第 11 页的“设置主画面上的各种参数”的 ③ 区）以显示选择框，可使用 LCD 旋钮（②）启用对所选 MIX1-22/FX1-4 总线 SEND 电平的调整。
- 点击主画面上的 SEND/PAN 按钮，打开已点击通道模块的 MODULE (SEND/PAN) 画面。在此画面上，可设置所选通道模块的 SEND LEVEL 以及 ON/OFF、PRE/POST 和 PAN/BAL 设置。也可调整立体声输入模块的 MODE 和 IMAGE。如需切换前 / 后设置，点击此画面上的 PRE/POST SETTINGS 按钮。
- 点击主画面左边缘的  按钮，以打开 SEND 区（第 11 页的“设置主画面上的各种参数”的 ③ 区）显示的总线选择窗口。



总线选择按钮

- 点击总线选择按钮，以打开 SEND 区的所选总线组。
- 点击选择窗口左上角的  按钮，以将窗口关闭。
-  按钮关闭 () 时，点击总线选择按钮将自动关闭此窗口。
-  按钮开启 () 时，点击总线选择按钮不会关闭此窗口。
- 点击主画面右边缘的 ALL SEND () 按钮，以显示 SEND 区（第 11 页的“设置主画面上的各种参数”的 ③ 区）所有 MIX 1-22/FX 1-4 总线的 SEND 电平。点击此显示屏，以切换到显示已点击区的 SEND 总线。



PAN 设置

点击主画面上的 PAN 区（第 11 页的“设置主画面上的各种参数”的 ① 区）以显示选择框，可使用 LCD 旋钮 (②) 启用 PAN 调整。

MAIN L/R 分配

- MAIN L/R 总线分配状态显示于主画面 PAN 区（第 11 页的“设置主画面上的各种参数”的 ① 区）声像 / 平衡设置的上方和右侧。
- 点击主画面上的 PAN 区选择框，以打开已点击通道模块的 MODULE (SEND/PAN) 画面。点击画面右下角的 MAIN 按钮，以变更 MAIN L/R 总线分配设置。

注释

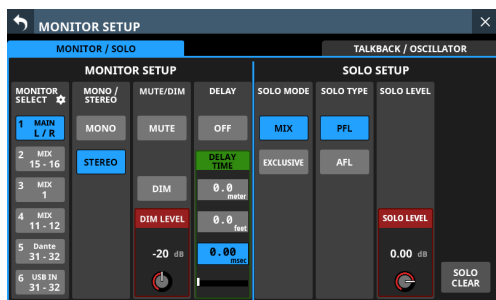
也可在 MAIN L/R 主控模块 SEND OVERVIEW 画面的 ON/OFF (INPUT) 页面查看和变更分配。使用菜单画面 > Mixer Setup 菜单 > Main L/R Assign Overview 选项，打开此设置。

MUTE 键

按下 MUTE 键 (③) 以启动静音 / 解除静音。
当开启 MUTE 键 (点亮) 时，相应模块信号静音。

SOLO 键

使用出厂默认设置，可按下多个 SOLO 键 (④)，启用对多个通道模块混合信号的单独监听。
可在 MONITOR SETUP 画面变更 SOLO 设置。使用菜单画面 > Mixer Setup 菜单 > Monitor/Solo Setup 选项，打开此设置。



注释

- 也可通过按下 MENU 键 (⑪) 的同时按下以下按钮之一，打开 MONITOR SETUP 画面的 MONITOR/SOLO 页面。
- 在按下 MENU 键 (⑪) 的同时，按下任意一个 SOLO 键 (④)。
 - 在按下 MENU 键 (⑪) 的同时，按下 SOLO CLEAR 键 (⑭)。

SEL 键

按下通道部分 SEL 键 (⑤) 或主控部分 SEL 键 (⑯)，以打开所选通道的 MODULE 画面。

点击 MODULE 画面顶部的所需画面选择按钮，并使用触摸屏 (①) 和 LCD 旋钮 (②)，设置各种参数。

推子

Sonicview 16 的 16 个通道推子和 Sonicview 24 的 24 个通道推子显示发送到下列总线的主 SEND 电平。

- 关闭 SENDS ON FADER 键 (⑳) (熄灭) 时的 MAIN L/R 总线
- 开启 SENDS ON FADER 键 (⑳) (点亮) 时所选的 MIX SEND/FX SEND 总线

使用 LAYER KEYS 1-7 (㉑) 切换层。然后，使用推子调整每个模块的电平。

MASTER 推子 (㉒) 控制所选总线的主 SEND 电平。

Copy/Paste

点击 MODULE 画面右上角的 ㉓ 按钮，以打开 MODULE 下拉菜单。



可使用 MODULE 菜单对参数进行复制粘贴。

可复制粘贴的参数根据打开的 MODULE 画面而不同。

如需复制或粘贴所选通道模块的所有参数，执行此 MODULE 菜单中的 Copy MODULE 或 Paste MODULE。

输出通道

输出通道类型概述

MIX1-22

这些可在单声道和立体声之间切换的输出模块，配有 EQ、GEQ 和动态。

MAIN L/R

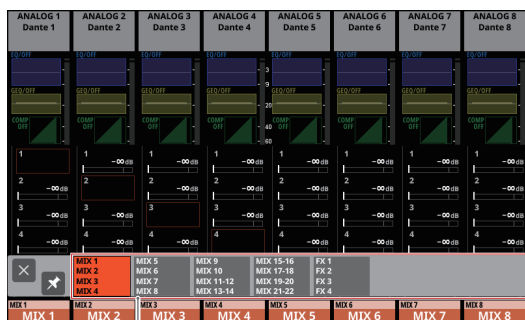
此立体声主总线输出模块配有 EQ、GEQ 和动态。

EQ/GEQ/COMP

点击模块主画面上的 EQ/GEQ/COMP 区（第 11 页的“设置主画面上的各种参数”的 ⑧ 区），以打开 MODULE (EQ)、MODULE (GEQ) 或 MODULE (COMP) 画面。在这些画面上，使用触摸屏 (①) 和 LCD 旋钮 (②)，进行 EQ/GEQ/COMP 设置。此外，使用 MODULE 画面上的 LIBRARY 按钮，打开 LIBRARY 画面，可调用预设数据并储存当前设置。

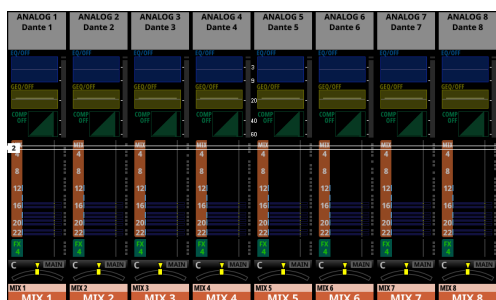
SEND 电平调整

- 点击主画面上的 SEND 区（第 11 页的“设置主画面上的各种参数”的 ⑨ 区），以显示选择框，可使用 LCD 旋钮 (②) 启用对所选 MIX1-22/FX1-4 总线 SEND 电平的调整。
- 点击主画面上的 SEND/PAN 按钮，以打开已点击通道模块的 MODULE (SEND/PAN) 画面。在此画面上，可设置所选通道模块的 SEND LEVEL 以及 ON/OFF、PRE/POST 和 PAN/BAL 设置。也可调整立体声输入模块的 MODE 和 IMAGE。如需切换前/后设置，点击画面上的 PRE/POST SETTINGS 按钮。
- 点击主画面左边缘的  按钮，以打开 SEND 区（第 11 页的“设置主画面上的各种参数”的 ⑨ 区）显示的总线选择窗口。



总线选择按钮

- 点击总线选择按钮，以打开 SEND 区的所选总线组。
- 点击选择窗口左上角的  按钮，以将窗口关闭。
-  按钮关闭 () 时，点击总线选择按钮将自动关闭此窗口。
-  按钮开启 () 时，点击总线选择按钮不会关闭此窗口。
- 点击主画面右边缘的 ALL SEND () 按钮，以显示 SEND 区（第 11 页的“设置主画面上的各种参数”的 ⑨ 区）所有 MIX 1-22/FX 1-4 总线的 SEND 电平。点击此显示屏，切换到显示已点击区的 4 个总线。



PAN 设置

点击主画面上的 PAN 区（第 11 页的“设置主画面上的各种参数”的 ⑩ 区）以显示选择框，可使用 LCD 旋钮 (②) 启用 PAN 调整。

MUTE 键

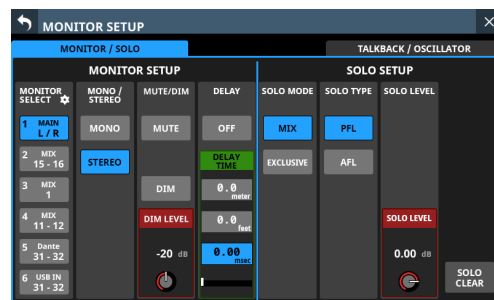
按下 MUTE 键 (③) 以启动静音 / 解除静音。

当开启 MUTE 键（点亮）时，相应模块的信号静音。

SOLO 键

使用出厂默认设置，可按多个 SOLO 键 (④)，启用对多个通道模块混合信号的单独监听。

可在 MONITOR SETUP 画面变更 SOLO 设置。使用菜单画面 > Rear Panel Setup 菜单 > / Monitor/Solo Setup 选项，打开此设置。



注释

也可通过按下 MENU 键 (⑪) 的同时按下以下按钮之一，打开 MONITOR SETUP 画面上的 MONITOR/SOLO 页面。

- 在按下 MENU 键 (⑪) 的同时，按下任意一个 SOLO 键 (④)。
- 在按下 MENU 键 (⑪) 的同时，按下 SOLO CLEAR 键 (⑭)。

SEL 键

按下通道部分 SEL 键 (⑤) 或主控部分 SEL 键 (⑯)，打开所选通道的 MODULE 画面。

点击 MODULE 画面顶部的所需画面选择按钮，并使用触摸屏 (①) 和 LCD 旋钮 (②)，设置各种参数。

推子

Sonicview 16 的 16 个通道推子和 Sonicview 24 的 24 个通道推子显示发送到下列总线的 SEND 电平。

- 关闭 SENDS ON FADER 键 (28) (熄灭) 时的 MAIN L/R 总线
- 开启 SENDS ON FADER 键 (28) (点亮) 时所选的 MIX SEND/FX SEND 总线

使用 LAYER KEYS 1-7 (20), 在 7 个推子层之间移动, 并设置其电平。MASTER 推子 (21) 控制所选总线的主 SEND 电平。

Copy/Paste

点击 MODULE 画面右上角的  按钮, 以打开 MODULE 下拉菜单。

可使用 MODULE 菜单对参数进行复制粘贴。

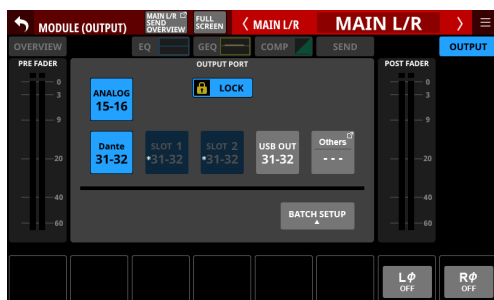
可复制粘贴的参数根据打开的 MODULE 画面而不同。

如需复制或粘贴所选通道模块的所有参数, 执行此 MODULE 菜单中的 Copy MODULE 或 Paste MODULE。

输出连接器分配 (输出路由)

如需查看和变更输出连接器路由设置, 点击 MIX 1-22 模块的主画面顶部的输出区 (第 11 页的“设置主画面上的各种参数”的 (A) 区), 以打开 MODULE (OUTPUT) 画面。

如需查看和变更 MAIN L/R 输出连接器路由设置, 按下 MASTER 部分 SEL 键 (16), 以打开 MAIN L/R 主控 MODULE 画面。然后, 点击画面顶部的 OUTPUT 画面选择按钮, 以打开 MODULE (OUTPUT) 画面。

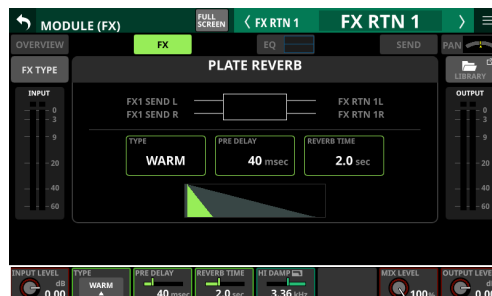


FX 设置

- 点击 FX RTN 1-4 模块主画面顶部的 FX 区 (第 11 页的“设置主画面上的各种参数”的 (A) 区), 以显示选择框。然后, 使用 LCD 旋钮 (2) 调整正在显示的参数。



- 当选择框在 FX 区 (A) 显示时, 点击选择框打开 FX RTN 模块的 MODULE (FX) 画面。在此画面上, 使用触摸屏 (1) 和 LCD 旋钮 (2) 进行 FX 参数设置及变更 FX TYPE。也可从此画面打开 FX 资料库画面。此外, 在使用此画面上的 LIBRARY 按钮打开的 FX LIBRARY 画面上, 可调用预设数据并储存当前设置。



Copy/Paste

点击 MODULE 画面右上角的  按钮, 以打开 MODULE 下拉菜单。

可使用 MODULE 菜单对参数进行复制粘贴。

可复制粘贴的参数根据打开的 MODULE 画面而不同。

如需复制或粘贴所选通道模块的所有参数, 执行此 MODULE 菜单中的 Copy MODULE 或 Paste MODULE。

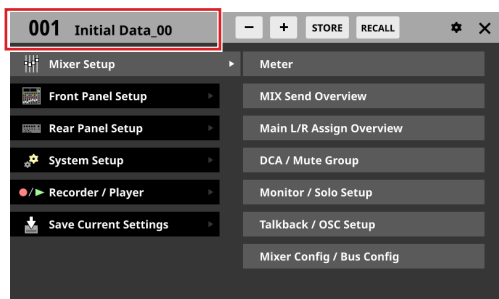
Snapshot 功能

Snapshots 用于保存和调用设置，包括调音台信号处理和路由。

存储和调用 snapshots

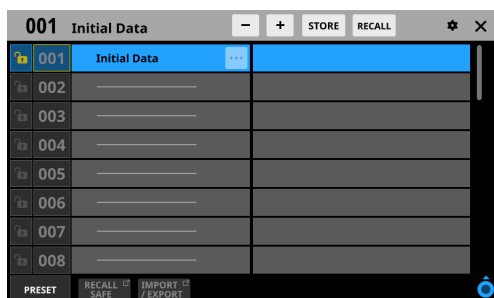
1. 按下 MENU 键 (⑪)，以打开菜单画面。

使用菜单画面顶部的 Snapshot 选择按钮 ([-] / [+])，选择一个编号。然后，点击 RECALL 按钮，调用所显示编号的设置，或点击 STORE 按钮，将设置保存到所显示编号。



2. 点击菜单画面左上角的 snapshot 编号 / 名称，以打开 Snapshot 列表画面。

点击列表并选择一个插槽。然后，点击 RECALL 按钮，调用此插槽设置，或点击 STORE 按钮，将设置保存到此插槽。



3. 使用调用安全设置，以设置调用 snapshots 时被保护（未变更）的项目。

如需变更调用安全设置，点击 Snapshot 列表画面的 RECALL SAFE 按钮，以打开 SNAPSHOT RECALL SAFE 画面。

4. 也可从外部存储导入 Snapshot 数据或将其导出至外部存储。
如需导入 / 导出 snapshot 数据，点击 Snapshot 列表画面底部的 IMPORT/EXPORT 按钮，以打开 SNAPSHOT IMPORT/EXPORT 画面。

故障排除

如果本设备存在操作故障，在寻求维修前请尝试如下操作。

如果这些措施无法解决问题，请联系您购买本设备的商店或 TASCAM 客户支持服务部门。

设备未开启

- 确认电源插头和其他连接器已完全插入。

未输出任何声音

- 确认输入和输出路由以及总线分配是否正确。
- 请再次检查与监听系统的连接。同时检查放大器的音量。
- 确认监听源是否选择正确。
- 通道推子是否升至合适电平？
- 确认 MASTER 推子已升至合适电平。
- 确认 PHONES 或 MONITOR OUT 音量是否升至合适电平？
- 任何通道 MUTE (③) 或 SOLO (④) 键是否打开？

有噪声

- 确认连接电缆没有接触故障。

忘记更改的设置

本设备每隔一分钟保存一次设置。

因为电源关闭可能导致保存失败，所以在关闭电源之前，使用菜单画面上的保存当前设置选项将当前设置保存在内部存储器上。

规格和额定值

音频性能

0 dBu = 0.775 Vrms

麦克风功放 EIN (相当于输入噪音)

-128 dBu 或更小

频率响应

MIC/LINE IN 至 OUTPUT (模拟)
20 Hz-40 kHz : +0 dB, -1.0 dB (JEITA)

动态范围

108 dB 或以上 (MIC/LINE IN 至 OUTPUT (模拟), PAD = OFF, 最小 TRIM, D.Ref = -20 dBFS, 主时钟 = INT, JEITA)
110 dB 或以上 (MIC/LINE IN 至 Dante OUT, PAD = OFF, 最小 TRIM, JEITA)
112 dB 或以上 (Dante IN 至 OUTPUT (模拟), 主时钟 = INT, JEITA)

失真度

0.002% 或更小 (MIC/LINE IN 至 OUTPUT (模拟), +4 dBu 输入, PAD = OFF, 最小 TRIM, JEITA)
0.002 % 或更小 (MIC/LINE IN 至 Dante OUT, +4 dBu 输入, PAD = OFF, 最小 TRIM, JEITA)
0.002 % 或更小 (Dante IN 至 OUTPUT (模拟), 0 dBFS 输入, JEITA)

串扰

100 dB 或以上 (MIC/LINE IN 至 OUTPUT (模拟), 1 kHz 正弦波, JEITA)

D.Ref : 数字参考电平设置

模拟音频输入和输出额定值

0 dBu = 0.775 Vrms, 0 dBV = 1 Vrms

MIC/LINE 输入插孔

Sonicview 16 : 1-16
Sonicview 24 : 1-24
连接器 : XLR-3-31 等效 (1: GND, 2: HOT, 3: COLD)
输入电平 :
PAD 关
最大输入电平 : +12 dBu (最小 TRIM)
最小输入电平 : -62 dBu (最大 TRIM)
PAD 开
最大输入电平 : +32 dBu (最小 TRIM)
最小输入电平 : -42 dBu (最大 TRIM)
输入阻抗 : 5.0 kΩ 或更大

注释

可向每个 MIC/LINE 输入插孔单独提供 +48V 幻象电源。

LINE IN (BAL) 插孔

Sonicview 16 : 9-16
Sonicview 24 : 17-24
连接器 : 6.3mm(1/4") TRS 耳机插孔
(TIP: HOT, RING: COLD, SLEEVE: GND)
输入电平 :
PAD 关
最大输入电平 : +12 dBu (最小 TRIM)
最小输入电平 : -62 dBu (最大 TRIM)
PAD 开
最大输入电平 : +32 dBu (最小 TRIM)
最小输入电平 : -42 dBu (最大 TRIM)
输入阻抗 : 5.0 kΩ 或更大

INSERT 插孔

Sonicview 16 : 7-8
Sonicview 24 : 15-16
连接器 : Φ6.3mm (1/4") TRS 耳机插孔
(TIP: SEND, RING: RETURN, SLEEVE: GND)
返回 (RING)
最大输入电平 : +18 dBu
标准输入电平 : -2 dBu
输入阻抗 : 5.0 kΩ 或更大
发送 (TIP)
最大输入电平 : +18 dBu
标准输入电平 : -2 dBu
输入阻抗 : 100 Ω 或更小

TALKBACK 输入插孔

连接器 : XLR-3-31 等效 (1: GND, 2: HOT, 3: COLD)
最大输入电平 : +10 dBu
最小输入电平 : -65 dBu
增益调整范围 : 0-55 dB
输入阻抗 : 5.0 kΩ 或更大

注释

可提供 +48V 幻象电源。

ST IN 1-2 L/R 插孔

连接器 : RCA 针式插孔
最大输入电平 : +6 dBV
标准输入电平 : -10 dBV
动态余量 : 16 dB
输入阻抗 : 10 kΩ 或更大

OUTPUT 1-16 插孔

连接器：XLR-3-32 等效 (1: GND, 2: HOT, 3: COLD)
 输出阻抗：100 Ω 或更小
 标准输出电平：
 +6 dBu (D.Ref: -9 dBFS, A.Ref: +6 dBu)
 +4 dBu (D.Ref: -14/-16/-18/-20 dBFS, A.Ref: +4 dBu)
 0 dBu (D.Ref: -18/-20 dBFS, A.Ref: 0 dBu)
 最大输出电平：
 +15 dBu (D.Ref: -9 dBFS, A.Ref: +6 dBu)
 +18 dBu (D.Ref: -18 dBFS, A.Ref: 0 dBu)
 +20 dBu (D.Ref: -20 dBFS, A.Ref: 0 dBu)
 +18 dBu (D.Ref: -14 dBFS, A.Ref: +4 dBu)
 +20 dBu (D.Ref: -16 dBFS, A.Ref: +4 dBu)
 +22 dBu (D.Ref: -18 dBFS, A.Ref: +4 dBu)
 +24 dBu (D.Ref: -20 dBFS, A.Ref: +4 dBu)

D.Ref：数字参考电平设置

A.Ref：模拟参考电平设置

MONITOR OUT L/R 插孔

连接器：XLR-3-32 等效 (1: GND, 2: HOT, 3: COLD)
 最大输出电平：+24 dBu
 标准输出电平：+4 dBu
 输出阻抗：100 Ω 或更小

耳机插孔

连接器： Φ 6.3mm (1/4") stereo 耳机插孔和
 Φ 3.5mm 立体声 mini 耳机插孔
 最大输出功率：100mW + 100mW
 (32 Ω 负载，仅连接到一个插孔时)

数字音频输入 / 输出额定标准

Dante PRIMARY/SECONDARY 连接器

连接器：etherCON Cat5e 兼容连接器 *
 传输协议：Dante
 千兆以太网标准：1000BASE-T (IEEE 802.3ab)
 数据线：5e 或更快的 STP 线
 * etherCON 是 Neutrik AG 的注册商标。

USB 音频

取样率：48 kHz、96 kHz
 位深：32 位
 输入数：32 个通道（输入本设备）
 输出数：32 个通道（从本设备输出）

控制输入 / 输出额定标准

FOOTSWITCH 插孔

连接器： Φ 6.3mm(1/4") TS 耳机插孔 (TIP:HOT, SLEEVE: GND)

ETHERNET 连接器

连接器：RJ-45
 兼容标准：100BASE-TX, 1000BASE-T

GPIO 连接器

连接器：25-针 D-sub (8-in/8-out, 内孔型, 英寸标准)
 • 关于 GPIO 连接器和分配的详情，请参见第 14 页的“GPIO 设置”。

其他输入和输出规格

USB 端口（顶部面板）

连接器：USB C 型端口
 协议：USB 2.0 高速 (480 Mbps)

USB 端口（后面板）

连接器：USB B 型端口
 协议：USB 2.0 高速 (480 Mbps)

LAMP 插孔

连接器：XLR 4-pin female（针 4：+12 V，针 3：GND）
 电源电压：0 V – +12 V
 最大输出：5 W

WORD IN 连接器

连接器：BNC
 输入电平：0.5–5 Vp-p
 输入阻抗：75 Ω $\pm$ 10%（终端电阻打开）*
 输入频率：48, 96 kHz
 允许频率偏差： $\pm$ 100 ppm
 * 关于打开 / 关闭终端电阻的详情，请参见第 12 页的“设置主时钟和 WORD 连接器”。

WORD THRU/OUT 连接器 *

连接器：BNC
 输出电平：相当于 5V TTL
 输出频率：48, 96 kHz
 * 关于通过 / 字输出切换的详情，请参见第 12 页的“设置主时钟和 WORD 连接器”。

录音机 / 播放器规格

录制介质

SDHC 卡（8 GB–32 GB，10 级或以上）
 SDXC 卡（64 GB–128 GB，10 级或以上）
 USB 闪存驱动器（8 GB–128 GB，仅播放）

注释

您可以我网站上找到已确认能在本机上工作的 SD 卡列表。从 TEAC Global Site (<https://teac-global.com>) 上本设备的产品页访问本列表，或联系 TASCAM 客户支持服务部门。

文件系统

SDHC 卡：FAT32
 SDXC 卡：exFAT
 USB 闪存驱动器：FAT32/exFAT

录制 / 播放格式

BWF/WAV
 录音：48/96 kHz，24-bit，2-通道
 播放：48/96kHz，16/24-bit，2-通道
 MP3
 播放：44.1/48 kHz，32–320 kbps，2-通道
 AAC
 播放：44.1/48 kHz，64–320 kbps，2-通道

其他

电源

AC 100-240 V, 50/60 Hz

消耗功率

Sonicview 16 : 65W

Sonicview 24 : 85W

外型尺寸

Sonicview 16 : 472.0 x 228.1 x 554.4 mm

Sonicview 24 : 690.8 x 228.1 x 554.4 mm

(宽 × 高 × 深)

重量

Sonicview 16 : 13 kg

Sonicview 24 : 18 kg

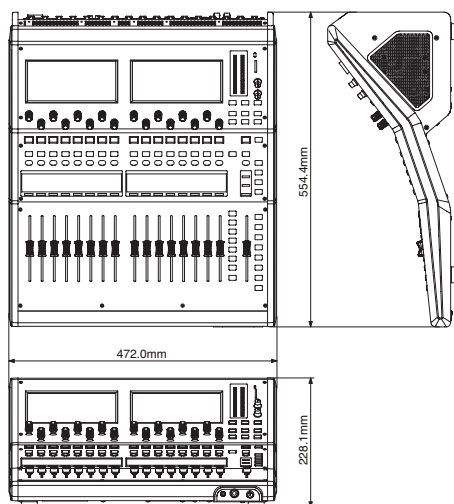
工作温度范围

0 - 40° C

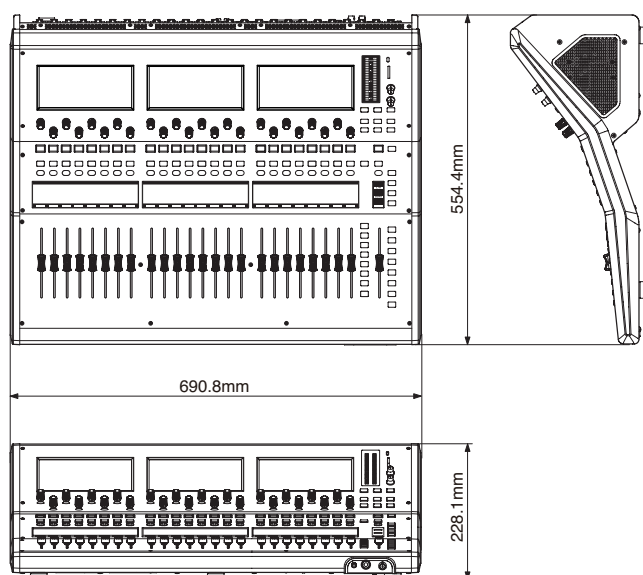
- 本手册插图可能跟实际产品上的有所不同。
- 规格及外观可能会在没有通知的情况下改变而改善产品。
- 参考手册中提供了详细的规格。

尺寸图

Sonicview 16



Sonicview 24



OWNER'S MANUAL

IMPORTANT SAFETY INSTRUCTIONS

 CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN 	CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.
	The lightning flash with arrowhead symbol, within equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.
	The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

- The apparatus draws nominal non-operating power from the AC outlet with its POWER or STANDBY/ON switch not in the ON position.
- The mains plug is used as the disconnect device, the disconnect device shall remain readily operable.
- Caution should be taken when using earphones or headphones with the product because excessive sound pressure (volume) from earphones or headphones can cause hearing loss.
- If you are experiencing problems with this product, contact TEAC for a service referral. Do not use the product until it has been repaired.

WARNING

- Products with Class 1 construction are equipped with a power supply cord that has a grounding plug. The cord of such a product must be plugged into an AC outlet that has a protective grounding connection.

WARNING

- To prevent possible hearing damage, do not listen at high volume levels for long periods.



CAUTION

- Do not expose this apparatus to drips or splashes.
- Do not place any objects filled with liquids, such as vases, on the apparatus.
- Do not install this apparatus in a confined space such as a book case or similar unit.
- The apparatus should be located close enough to the AC outlet so that you can easily grasp the power cord plug at any time.
- If the product uses batteries (including a battery pack or installed batteries), they should not be exposed to sunshine, fire or excessive heat.
- CAUTION for products that use replaceable lithium batteries: there is danger of explosion if a battery is replaced with an incorrect type of battery. Replace only with the same or equivalent type.
- Installed battery subjected to extremely low air pressure may result in an explosion or the leakage of flammable liquid or gas.

CAUTION

- DO NOT REMOVE THE EXTERNAL CASES OR CABINETS TO EXPOSE THE ELECTRONICS. NO USER SERVICEABLE PARTS ARE INSIDE.
- IF YOU ARE EXPERIENCING PROBLEMS WITH THIS PRODUCT, CONTACT THE STORE WHERE YOU PURCHASED THE UNIT FOR A SERVICE REFERRAL. DO NOT USE THE PRODUCT UNTIL IT HAS BEEN REPAIRED.
- USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

For China

-  “仅适用于海拔 2000m以下地区安全使用”
-  “仅适用于非热带气候条件下安全使用”
-  “环境保护使用年限”

产品有毒有害物质或元素的名称及含量

机种 : Sonicview 16/Sonicview 24		有毒有害物质或元素					
	品名	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr6+)	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
1	CHASSIS部	○	○	○	○	○	○
2	FRONT PANEL部分	○	○	○	○	○	○
3	螺丝部分	○	○	○	○	○	○
4	线材部分	○	○	○	○	○	○
5	PCB Assy部分	×	○	○	○	○	○
6	电源部分	×	○	○	○	○	○
7	附属品部分	×	○	○	○	○	○
8	LABEL部分	○	○	○	○	○	○
9	包装部分	○	○	○	○	○	○

○ : 表示该有毒有害物质在该部件所有均质材料中的含有量均在 GB/T26572 标准规定的限量要求以下。
× : 表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 GB/T26572 标准规定的限量要求。
(针对现在代替技术困难的电子部品及合金中的铅)

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Introduction

Thank you very much for purchasing the TASCAM Sonicview 16/24 Digital Mixer.

Before using this unit, read this Owner's Manual carefully so that you will be able to use it correctly and enjoy working with it for many years. After you have finished reading this manual, please keep it in a safe place for future reference.

You can also download this Owner's Manual from the TASCAM website.



Sonicview 16

https://tascam.jp/int/product/sonicview_16/docs



Sonicview 24

https://tascam.jp/int/product/sonicview_24/docs

Note about the Reference Manual

This Owner's Manual provides an overview of the unit. Please see the Reference Manual for detailed information about each of the functions.

You can download the Reference Manual from the TASCAM website.

Included items

This product includes the following items.

Take care when opening the package to avoid damaging the items. Keep the packing materials for transportation in the future.

Please contact the store where you purchased this unit if any of these items are missing or have been damaged during transportation.

- Main unitx 1
- Power cordsx 1
- User Defined Control functions list.....x 1
- Block diagramx 1
- Owner's Manual (this document) including warrantyx 1

Conventions used in this manual

In this manual, we use the following conventions:

- This unit has two types of buttons that can be operated: physical buttons on the top panel and buttons that appear on the touchscreen. The buttons on the top panel are identified as keys, for example, the "MUTE key".
- The sets of 8 knobs beneath the touchscreens are called "LCD knobs" and are identified from left to right as LCD knob 1 – LCD knob 8.
- SDHC/SDXC memory cards are referred to as "SD cards".

- As necessary, additional information is provided under TIP, NOTE and CAUTION headings.

TIP

These are tips about how to use the unit.

NOTE

These provide additional explanations and describe special cases.

ATTENTION

Failure to follow these instructions could result in damage to equipment or lost data, for example.

⚠ CAUTION

Failure to follow these instructions could result in injury.

Precautions for placement and use

- The operating temperature range of this unit is 0 - 40 °C.
- Do not install this unit in the following types of locations. Doing so could make the sound quality worse or cause malfunction.
 - Places with significant vibrations
 - Next to a window or in another location exposed to direct sunlight
 - Near heaters or other extremely hot places
 - Extremely cold places
 - Very humid or poorly ventilated places
 - Very dusty places
- Do not block the ventilation ports, which dissipate heat, on the back and sides of the unit.
- To enable good heat dissipation, do not place anything on top of the unit.
- Do not place this unit on top of a power amplifier or other device that generates heat.

Notes about power supply

- Insert the included power cord all the way into the AC IN connector.
- Do not connect a power supply other than one that is AC100V - 240V (50/60Hz).
- Hold the power cord by its plug when connecting or disconnecting it.

Beware of condensation

Condensation could occur if the unit is moved from a cold place to a warm place, it is used immediately after a cold room has been heated or it is otherwise exposed to a sudden temperature change.

To prevent this, or if this occurs, let the unit sit for one or two hours at the new room temperature before using it.

Cleaning the unit

Use a dry soft cloth to wipe the unit clean. Do not wipe with chemical cleaning cloths, thinner, alcohol or other chemical agents. Doing so could damage the surface or cause discoloration.

About SD cards

This unit uses SD cards for recording and playback.

This unit can use SD cards that are Class 10 or higher and compatible with SDHC or SDXC standards.

A list of SD cards that have been confirmed for use with this unit can be found on the TASCAM website. Alternatively, please contact TASCAM customer support service.

Precautions for use

SD cards are delicate media.

In order to avoid damaging SD cards, please take the following precautions when handling them.

- Do not leave them in extremely hot or cold places.
- Do not leave them in extremely humid places.
- Do not let them get wet.
- Do not put things on top of them or twist them.
- Do not hit them.
- Do not remove or insert them during recording, playback, data transmission or other access.
- When transporting them, put them into cases, for example.

SD card write protection

This unit writes settings data for recording/playback folders on media. Since setting information cannot be written to write-protected SD cards, settings for recording/playback folders will not be retained when the unit is restarted and performance will be otherwise affected.

Note about formatting

SD cards formatted by this unit are optimized to improve performance during recording. Use this unit to format the SD cards to be used with it. Errors might occur when recording with this unit using an SD card formatted by a computer or other device.

About TASCAM customer support service

TASCAM products are supported and warrantied only in their country/region of purchase.

To receive support after purchase, on the TASCAM Distributors list page of the TEAC Global Site (<https://teac-global.com/>), search for the local company or representative for the region where you purchased the product and contact that organization.

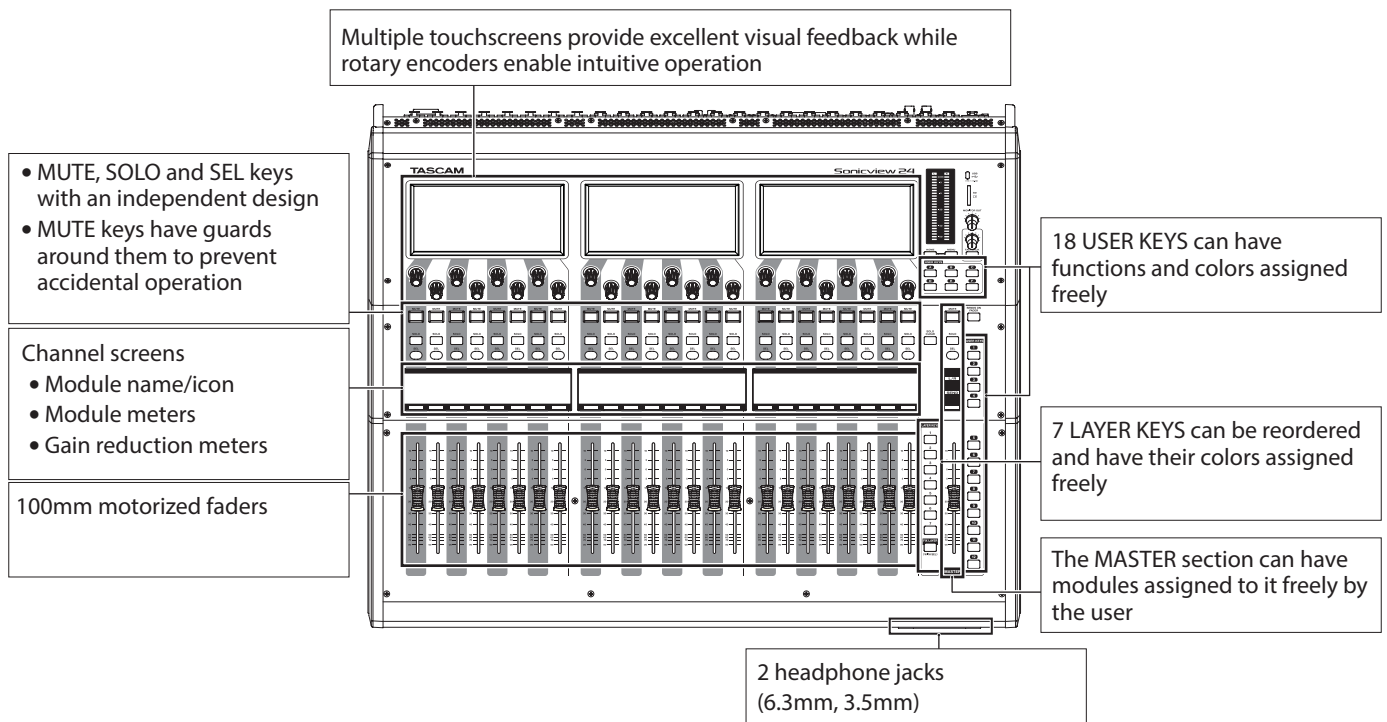
When making inquiries, the address (URL) of the shop or web shop where it was purchased and the purchase date are required.

Moreover, the warranty card and proof of purchase might also be necessary.

Features

Main features

Each 8-channel module has a touchscreen with 8 LCD knobs, enabling intuitive operation of various parameters for each channel allowing simultaneous monitoring and status.



Main specifications

Simultaneous processing capabilities

- Input: 40 mono channels and 2 stereo channels
- Output buses: 22 switchable AUX/GROUP buses and a stereo main bus
- 4 internal effects, 4 effect send buses, and 4 stereo effect return channels

Input and output ports

- 16 or 24 mic/line inputs
- 2 stereo RCA inputs
- 16 analog line outputs
- Stereo analog monitor outputs
- Dante I/O that supports redundancy
- 2 expansion slots
- 32-in/32-out USB audio interface port

Internal processing

- 96kHz/54-bit floating-point arithmetic

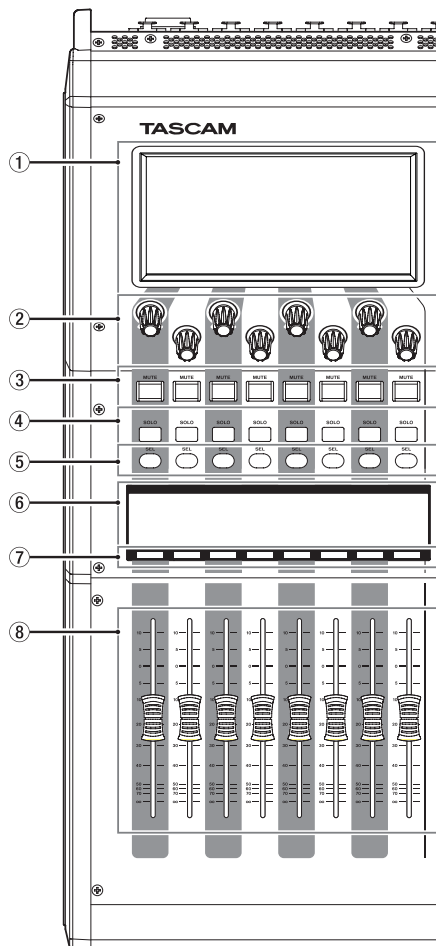
Names and functions of parts

Top panel

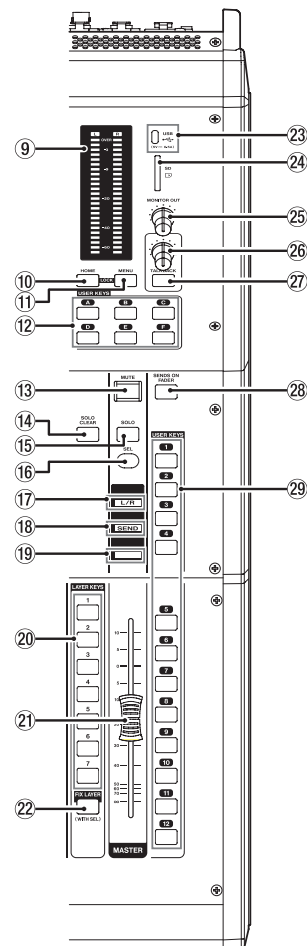
NOTE

The various buttons that have indicators remain dimly lit even when off, making them easier to see and use even in dark situations.

Channel section



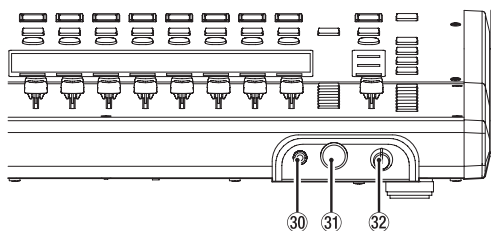
Master section



- ① Touchscreen
- ② LCD knobs and indicators
- ③ MUTE keys and indicators
- ④ SOLO keys and indicators
- ⑤ SEL keys and indicators
- ⑥ Channel screen
- ⑦ Channel color bars
- ⑧ Channel faders
- ⑨ Output meters
- ⑩ HOME key
- ⑪ MENU key
- ⑫ USER KEYS A–F and indicators
- ⑬ MUTE key and indicator (MASTER)
- ⑭ SOLO CLEAR key and indicator
- ⑮ SOLO key and indicator (MASTER)
- ⑯ SEL key and indicator (MASTER)

- ⑰ L/R indicator
- ⑱ SEND indicator
- ⑲ Color bar (MASTER)
- ⑳ LAYER KEYS 1–7 and indicators
- ㉑ MASTER fader
- ㉒ FIX LAYER key and indicator
- ㉓ USB port (5V $\overline{\text{---}}$ 0.5A)
- ㉔ SD card slot
- ㉕ MONITOR OUT volume
- ㉖ TALKBACK volume
- ㉗ TALKBACK key and indicator
- ㉘ SENDS ON FADER key and indicator
- ㉙ USER KEYS 1–12 and indicators

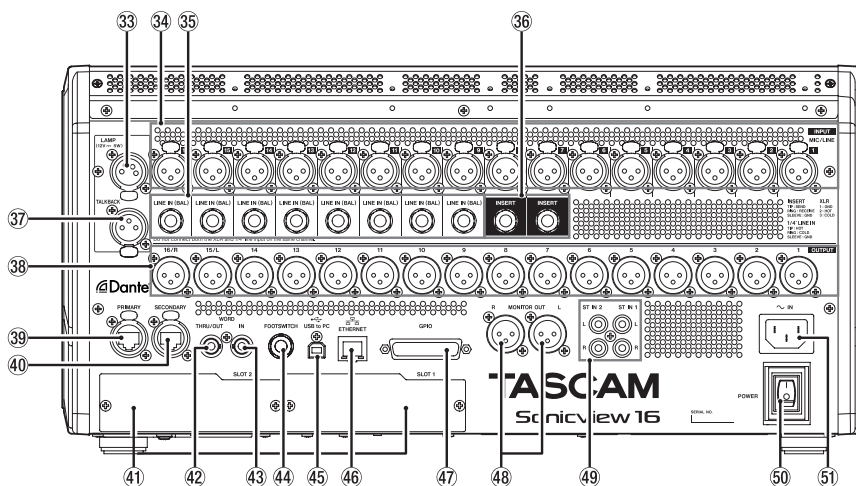
Front panel



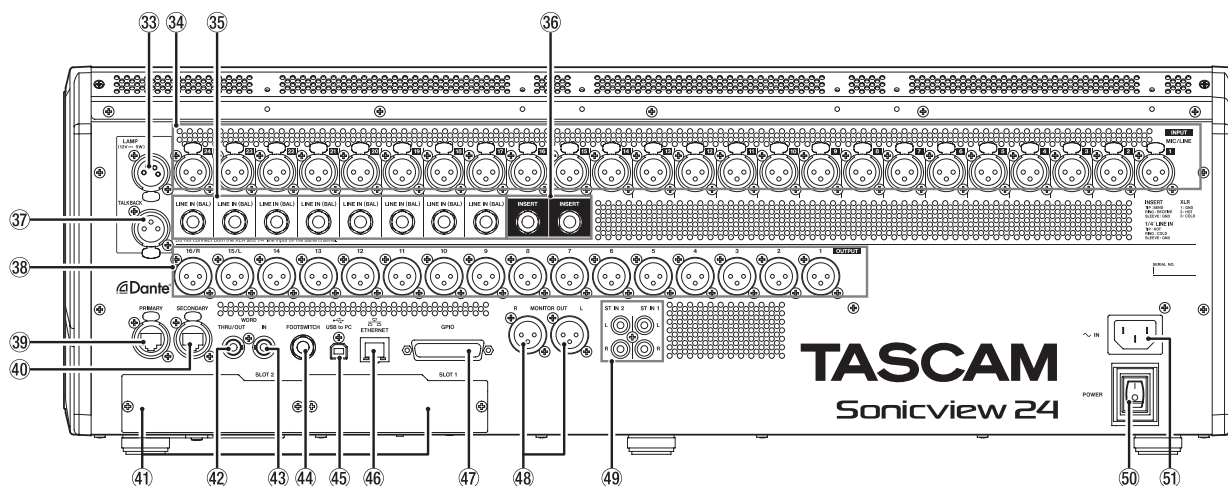
- ③① Headphone jack (stereo mini)
- ③① Headphone jack (stereo phone)
- ③② Headphone volume

Rear panel

Sonicview 16



Sonicview 24



- ③③ LAMP jack
- ③④ MIC/LINE input jacks
- ③⑤ LINE IN (BAL) jacks (TRS phone)
- ③⑥ INSERT jacks (TRS phone)
- ③⑦ TALKBACK input jack
- ③⑧ Analog output jacks
- ③⑨ Dante PRIMARY connector
- ④① Dante SECONDARY connector
- ④① Expansion card slots (SLOT 1/SLOT 2)
- ④② WORD THRU/OUT connector
- ④③ WORD IN connector
- ④④ FOOTSWITCH jack
- ④⑤ USB to PC port
- ④⑥ ETHERNET port
- ④⑦ GPIO connector
- ④⑧ MONITOR OUT L/R jacks
- ④⑨ ST IN 1/ST IN 2 jacks
- ⑤① POWER switch
- ⑤① AC IN connector

Turning the unit on and off

⚠ CAUTION

- Turn down the volume of the sound system connected to the unit before starting up or shutting down the unit.
- Do not wear connected headphones when turning the unit on and off. Loud noises could damage the speakers or harm your hearing.

Before turning the power on

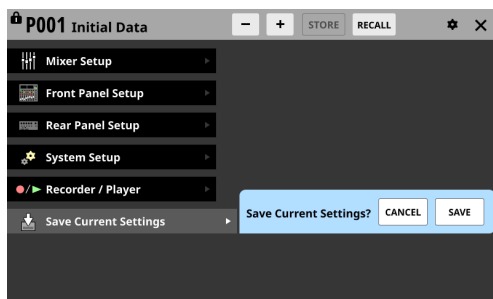
1. Connect an included AC cord to the AC IN connector (51).
2. Connect input sources to the MIC/LINE input jacks (34), LINE IN (BAL) jacks (35), ST IN 1 L/R jacks (49) and ST IN 2 L/R jacks (49).
3. Connect monitor speakers (powered monitor speakers or an amp and speaker system) and other line level inputs to the analog output jacks (38) and MONITOR OUT L/R jacks (48).
4. If necessary, connect a computer or other external device to the USB port (45).
5. Make connections with the FOOTSWITCH (44) and GPIO (47) connectors if using them.

Turning the power on

1. Use the POWER switch (50) to turn the unit on.
2. Turn on connected monitor speakers (powered speakers or an amplifier and speaker system).

Turning the power off

1. Turn off connected amplifiers and powered speakers.
2. Press the MENU key (11) to open the Menu Screen, and tap the Save Current Settings item.



3. Tap the SAVE button to save the current settings to the internal memory.
4. Use the POWER switch (50) to turn the unit off.

⚠ CAUTION

Do not turn the power off or disconnect the power cord when the unit is operating (including recording, playing back, writing data to an SD card or USB flash drive, or saving settings to the internal memory). Doing so could cause proper recording to fail, recorded data to be lost, and sudden loud noises from monitoring equipment, which might damage the equipment, harm hearing or cause other trouble.

Operation procedures

Screen overviews

LCD knobs and touchscreens

The LCD knobs can be used to control the parameters shown and selected on the touchscreen above them.

When LCD knobs can be used, the corresponding indicators light.



LCD knobs and indicators

Main screens

Home Screen (shown on all touchscreens)



- The Home Screen, which appears immediately after the unit is started, shows channel strips in a row on the touchscreen.
- Press the HOME key (10) on the top of the unit to open the Home Screen.
- This enables showing and operating the main parameters of multiple modules as well as showing various meters.
- Tap parameters to select them, and use the LCD knobs (2) to adjust them.

Setting various parameters on the Home Screen

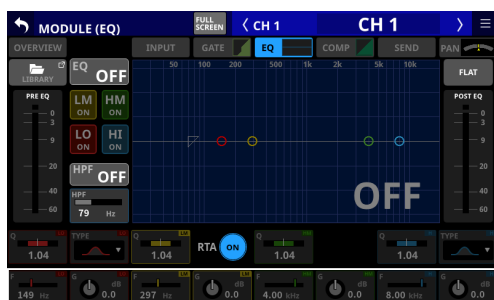
Tap an (A), (C) or (D) area on the Home Screen to show the selection frame.

This selects the tapped area, enabling setting using the LCD knobs (2).



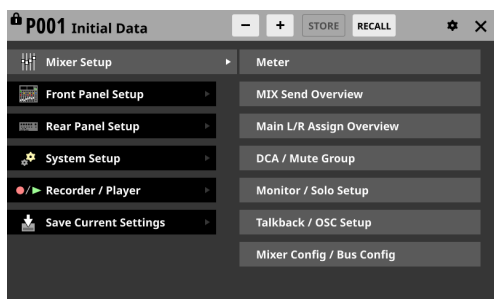
- (A) INPUT/FX/OUTPUT area
- (B) GATE/EQ/GEQ/COMP area
- (C) SEND area
- (D) PAN area
- (E) NAME area

MODULE Screens (shown on all touchscreens)



- Press the SEL key (5), (16) on the top of the unit or tap a graph or selection frame on the Home Screen to open one of these screens.
- These enable showing and operating the mixer parameters of the selected module as well as showing various meters.
- Tap parameters to select them, and use the LCD knobs to adjust them.

Menu Screen (shown on right touchscreen)

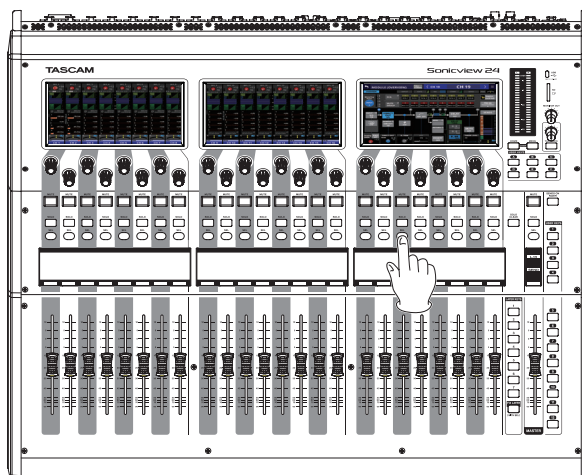


- Press the MENU key (11) to open the Menu Screen on the right touchscreen. Various system settings, for example, can be adjusted on this screen.
- The menu structure is as follows. See the Reference Manual for detailed information about each menu item.

Menu item	Sub menu item
Mixer Setup	Meter
	MIX Send Overview
	Main L/R Assign Overview
	DCA / Mute Group
	Monitor / Solo Setup
	Talkback / OSC Setup
	Mixer Config / Bus Config
Front Panel Setup	User Key Setup
	Layer / Master Fader Setup
	Talkback Setup
Rear Panel Setup	Brightness
	Dante Setup
	Slot Setup
	WORD OUT Mode Setup
	Network Setup
	FOOT SW Setup
	GPIO Input Setup
	GPIO Output Setup
	LAMP Dimmer Setup
System Setup	Info
	Sync Clock
	Preferences
	Media Manage
	All System Data
	Clock Adjust
	Version Information
Recorder / Player	Firmware Update
	Recorder / Player
Multi Track Recorder	
Save Current Settings	

Channel modules and touchscreens

- The Home Screen for a channel module (Fader/SEL/SOLO/MUTE) is shown on the touchscreen above it.
- The MODULE Screen is shown on the touchscreen above the SEL key (5) that was operated.



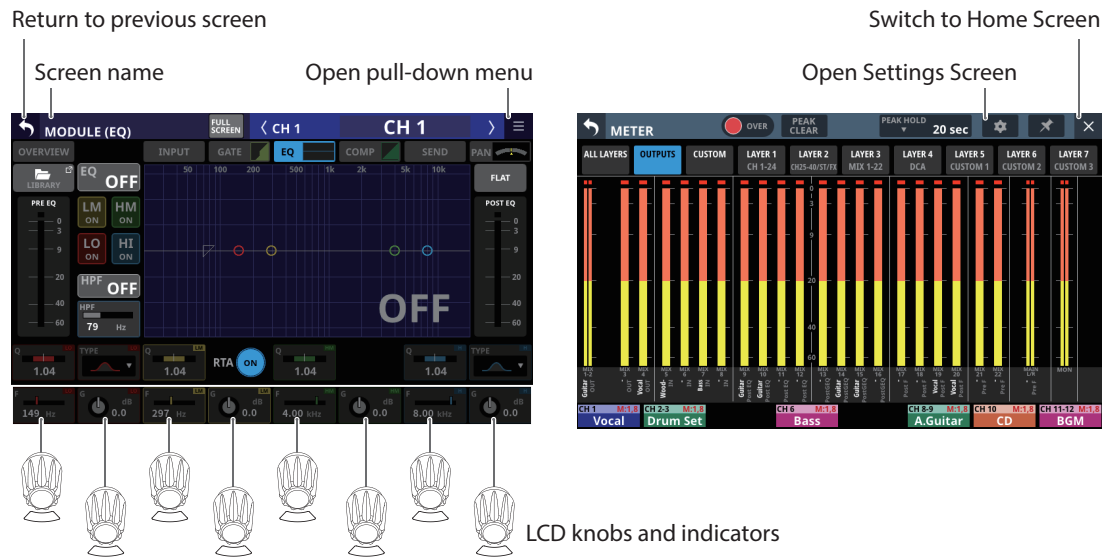
Basic operations

Touchscreen operations

Tap/swipe an item on a touchscreen to operate it.

Special touchscreen operations

Touch continuously	Touch the +48V button continuously to turn phantom power (+48V) on and off.
Tap/touch continuously	Tapping the DIM button on the MONITOR/SOLO page of the MONITOR SETUP screen, or tapping the TALKBACK button on the TALKBACK/OSCILLATOR page will turn that function on/off. Touching it continuously will turn it on temporarily until released.



LCD knob operations

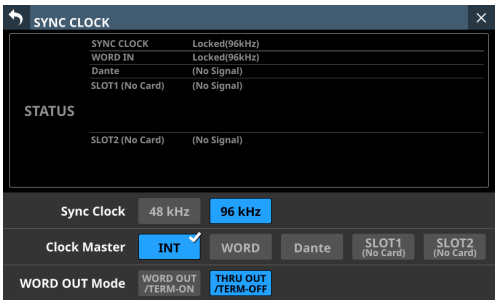
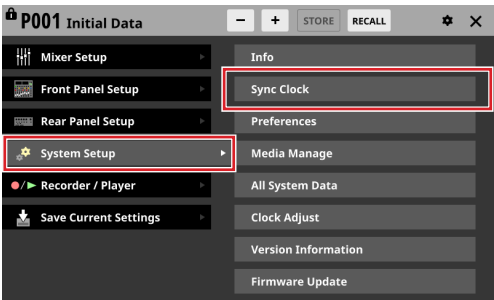
The LCD knobs can be used to control the parameters shown and selected above them on the touchscreen. When LCD knobs can be used, the corresponding indicators light.

LCD knob	Explanation
Turn without pressing	This allows precise adjustment of one step per click.
Turn while pressing	This allows quick parameter adjustment from one extreme to the other.

Settings

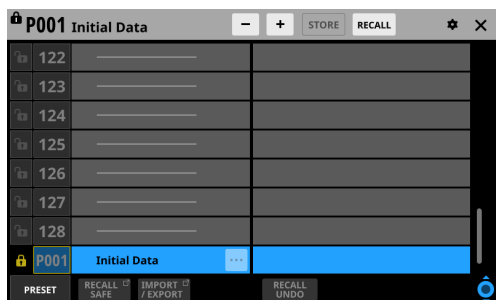
Setting the master clock and word connectors

To set the master clock and WORD connectors for the unit, press the MENU key (ⓘ) to open the Menu Screen. Then, from the System Setup menu, select the Sync Clock item to open the SYNC CLOCK Screen.



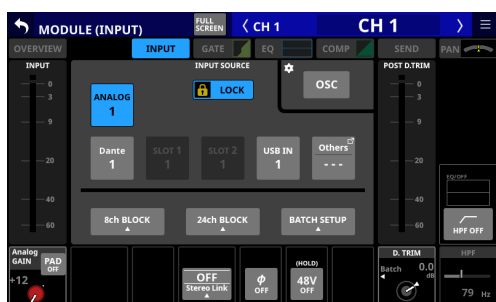
Restoring default settings

To restore all settings, including signal processing and routing, to their default values, use the and buttons at the top of the Menu Screen to select “P001 Initial Data”, and tap the RECALL button.



Input Routing

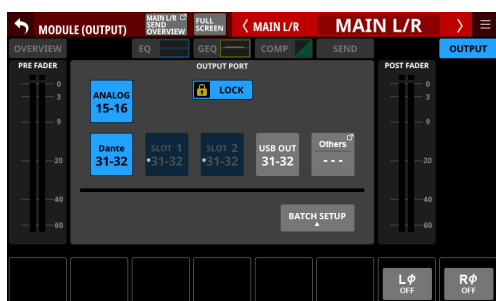
To check and change input channel routing settings, tap the Input area at the top of the Home Screen for a Channel 1–40 or ST IN 1-2 module () area in “Setting various parameters on the Home Screen” on page 31) to show the selection frame. Then, tap the selection frame again to open the MODULE (INPUT) Screen.



Output Routing

To check and change output connector routing settings, tap the Output Area at the top of the Home Screen for a MIX 1–22 module () area in “Setting various parameters on the Home Screen” on page 31) to open the MODULE (OUTPUT) Screen.

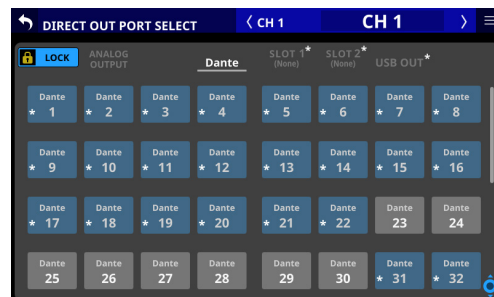
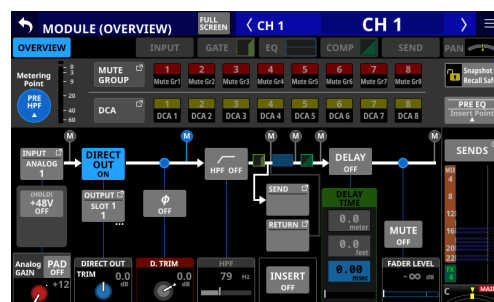
To check and change MAIN L/R output connector routing settings, press the MASTER section SEL key () to open the MAIN L/R master MODULE Screen. Then, tap the OUTPUT screen selection button at the top of the screen to open the MODULE (OUTPUT) screen.



Direct Out Routing

To check and change Direct Out routing settings, tap a channel 1–40 NAME area on the Home Screen () area in “Setting various parameters on the Home Screen” on page 31) to open the MODULE (OVERVIEW) Screen. Then, tap the OUTPUT button above the DIRECT OUT TRIM volume area to open the DIRECT

OUT PORT SELECT screen.



Functions

Layers

Channel sets and custom layers can be assigned and arranged freely in seven layers. Different modules can be opened easily using the LAYER KEYS.

Change settings for the LAYER KEYS () on the Layer Key Setup screen. Open this using Menu Screen > Front Panel Setup menu > Layer / Master Fader Setup item.

Default settings for LAYER KEYS 1–7

Sonicview 16 settings

Key	Assigned function
LAYER KEYS 1	CH 1-16
LAYER KEYS 2	CH 17-32
LAYER KEYS 3	CH 33-40 / ST IN / FX RTN
LAYER KEYS 4	MIX 1-16
LAYER KEYS 5	MIX 17-22 / MAIN L/R
LAYER KEYS 6	DCA
LAYER KEYS 7	CUSTOM 2

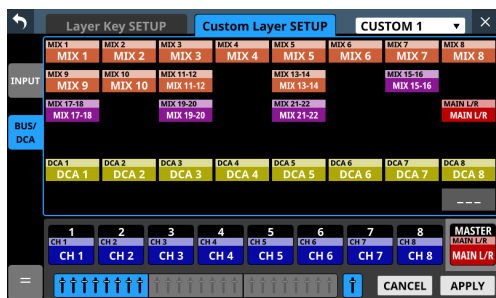
Sonicview 24 settings

Key	Assigned function
LAYER KEYS 1	CH 1-24
LAYER KEYS 2	CH 25-40 / ST IN / FX RTN
LAYER KEYS 3	MIX 1-22 / MAIN L/R
LAYER KEYS 4	DCA
LAYER KEYS 5	CUSTOM 1
LAYER KEYS 6	CUSTOM 2
LAYER KEYS 7	CUSTOM 3

MASTER fader

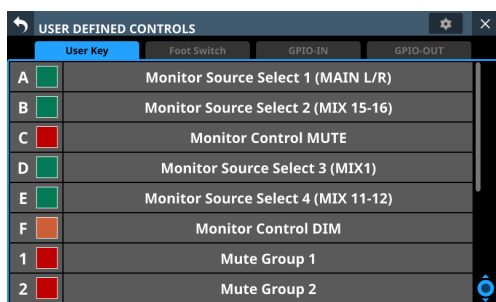
Modules can be assigned as desired to the MASTER fader (MAIN L/R assigned by default).

Change settings for the MASTER fader from the Custom Layer SETUP page. Open this using Menu Screen > Front Panel Setup menu > Layer/Master Fader Setup item.



User Defined Control

Various functions and operations can be assigned to the 18 USER KEYS, a Foot Switch, and the 8-input/8-output GPIO port. Change settings for the USER KEYS on the User Key Setup page. Open this using Menu Screen > Front Panel Setup menu > User Key Setup item.



Change footswitch settings on the Foot Switch page. Open this using Menu Screen > Rear Panel Setup menu > FOOT SW Setup item.

Default settings for USER KEYS A-F/1-12

Key	Lit color	Assigned function
USER KEYS A	Green	Monitor Source Select 1 (MAIN L/R)
USER KEYS B	Green	Monitor Source Select 2 (MIX15-16)
USER KEYS C	Red	Monitor MUTE
USER KEYS D	Green	Monitor Source Select 3 (MIX1)
USER KEYS E	Green	Monitor Source Select 4 (MIX11-12)
USER KEYS F	Orange	Monitor DIM
USER KEYS 1	Red	Mute Group 1
USER KEYS 2	Red	Mute Group 2
USER KEYS 3	Red	Mute Group 3
USER KEYS 4	Red	Mute Group 4
USER KEYS 5	Orange	Sends On Fader Mix1
USER KEYS 6	Orange	Sends On Fader Mix2
USER KEYS 7	Orange	Sends On Fader Mix3
USER KEYS 8	Orange	Sends On Fader Mix4
USER KEYS 9	Orange	Sends On Fader Mix5
USER KEYS 10	Orange	Sends On Fader Mix6
USER KEYS 11	Orange	Sends On Fader Mix7

Key	Lit color	Assigned function
USER KEYS 12	Orange	Sends On Fader Mix8

Default Foot Switch setting

Assigned function
Tap Tempo FX3 Delay1

GPIO settings

Change GPIO settings on the GPIO-IN/GPIO-OUT pages. Open these using Menu Screen > Rear Panel Setup menu > GPIO Input Setup/GPIO Output Setup items.

The pin assignments are as follows.

Pin No.	Function	IN/OUT
1	GND	-
2	GPIO IN 2	IN
3	GPIO IN 4	IN
4	GPIO IN 6	IN
5	GPIO IN 8	IN
6	NC	-
7	NC	-
8	NC	-
9	GPIO OUT 2	OUT
10	GPIO OUT 4	OUT
11	GPIO OUT 6	OUT
12	GPIO OUT 8	OUT
13	NC	-
14	GPIO IN 1	IN
15	GPIO IN 3	IN
16	GPIO IN 5	IN
17	GPIO IN 7	IN
18	NC	-
19	NC	-
20	GND	-
21	GPIO OUT 1	OUT
22	GPIO OUT 3	OUT
23	GPIO OUT 5	OUT
24	GPIO OUT 7	OUT
25	+5V	-

IN: For command input

- Internal circuit with +5V pull-up
- Operates with low signal input of 50 msec or longer

OUT: For command and tally output

- Internal circuit is open collector (10Ω output impedance)
 - 20V dielectric strength, 35mA maximum current
- +5V: 50mA maximum supplied current

User Defined Control functions list

See the User Defined Control functions list, which is included separately, for functions that can be assigned to user defined controls (USER KEYS, FOOTSWITCH, GPIO IN and GPIO OUT). These functions can be assigned to each control on the USER DEFINED CONTROLS Screen.

Input channels

Overview of input channel types

CH1-40

These input modules, which can be switched between mono and stereo, have 2 dynamics channels and EQ.

ST IN1-2

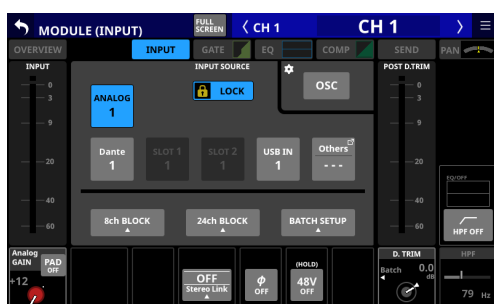
These input modules are specifically for stereo and has EQ.

FX RTN1-4

These stereo input modules are specifically for effect returns and have EQ.

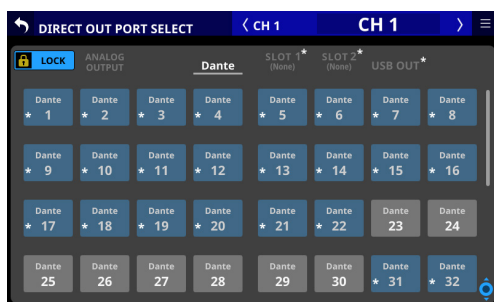
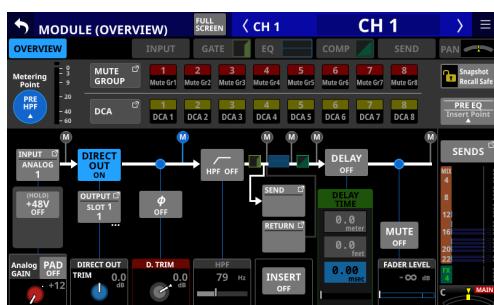
Input connector assignments (input routing)

To check and change input channel routing settings, tap the Input Area at the top of the Home Screen for a Channel 1–40 or ST IN 1-2 module (A) area in “Setting various parameters on the Home Screen” on page 31) to show the selection frame. Then, tap the selection frame again to open the MODULE (INPUT) Screen.



Direct output routing

To check and change Direct Out routing settings, tap a channel 1–40 NAME area on the Home Screen (E) area in “Setting various parameters on the Home Screen” on page 31) to open the MODULE (OVERVIEW) Screen. Then, tap the OUTPUT button above the DIRECT OUT TRIM volume area to open the DIRECT OUT PORT SELECT screen.



Input level adjustment (GAIN/PAD/+48V/Φ)

- Tap the INPUT area (A) area in “Setting various parameters on the Home Screen” on page 31) on the Home Screen of a CH 1–40 or ST IN 1–2 module to show the selection frame. Then, use the LCD knobs (2) to adjust the parameters being shown.

If ANALOG is selected as the input source, adjust the input level from the analog input jack.

If ANALOG is not selected as the input source, adjust the D.TRIM.

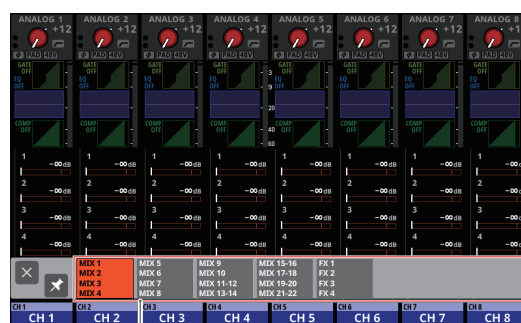
- When the selection frame is shown on the INPUT area (A) area in “Setting various parameters on the Home Screen” on page 31), tap it to open the MODULE (INPUT) screen. The input source, input level, PAD function, phantom power, polarity (Φ) and other items can be set on this screen.

GATE/EQ/COMP

Tap the GATE/EQ/COMP area (B) area in “Setting various parameters on the Home Screen” on page 31) on a module Home Screen to open the MODULE (GATE), MODULE (EQ) or MODULE (COMP) screen. On these screens, use the touchscreen (1) and LCD knobs (2) to make GATE/EQ/COMP settings. In addition, by opening the LIBRARY Screen using a LIBRARY button on a MODULE screen, preset data can be recalled and current settings can be stored.

SEND level adjustment

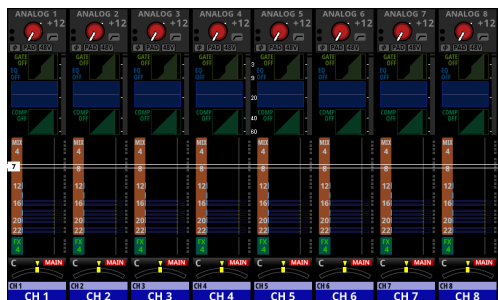
- Tap the SEND area (C) area in “Setting various parameters on the Home Screen” on page 31) on the Home Screen to show the selection frame, enabling adjustment of the SEND levels of the selected MIX1–22/FX1–4 buses using the LCD knobs (2).
- Tap a SEND/PAN button on the Home Screen to open the MODULE (SEND/PAN) screen of the tapped channel module. On this screen, the SEND LEVEL as well as the ON/OFF, PRE/POST and PAN/BAL settings of the selected channel module can be set. MODE and IMAGE can also be adjusted for stereo input modules. To switch the Pre/Post setting, tap the PRE/POST SETTINGS button on the screen.
- Tap the button on the left edge of the Home Screen to open the selection window for the bus shown in the SEND area (C) area in “Setting various parameters on the Home Screen” on page 31).



bus selection button

- Tap a bus selection button to open the selected bus group in the SEND area.
- Tap the button at the top left of the selection window to close it.
- When the button is off (X), tapping the bus selection button will automatically close this window.
- When the button is on (X), tapping a bus selection button will not close this window.

- Tap the ALL SEND () button on the right edge of the Home Screen to show the SEND levels of all MIX 1–22/FX 1–4 buses in the SEND area () area in “Setting various parameters on the Home Screen” on page 31). Tap this display to switch to showing the SEND buses in the tapped area.



PAN settings

Tap the PAN area () area in “Setting various parameters on the Home Screen” on page 31) on the Home Screen to show the selection frame, enabling PAN adjustment using the LCD knobs ().

MAIN L/R assignments

- The MAIN L/R bus assignment status is shown above and to the right of the pan/balance setting in the PAN area () area in “Setting various parameters on the Home Screen” on page 31) on the Home Screen.
- Tap the PAN area selection frame on the Home Screen to open the MODULE (SEND/PAN) screen of the tapped channel module. Tap the MAIN button at the bottom right of the screen to change the MAIN L/R bus assignment settings.

NOTE

Assignments can also be checked and changed on the ON/OFF (INPUT) page of the MAIN L/R master module SEND OVERVIEW Screen. Open this using Menu Screen > Mixer Setup menu > Main L/R Assign Overview item.

MUTE keys

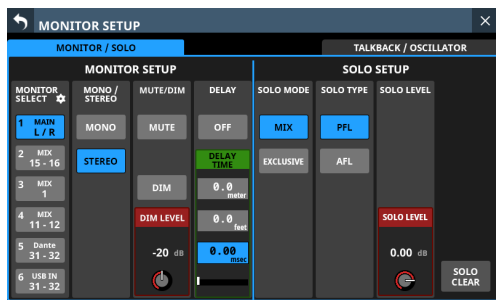
Press a MUTE key () to mute/unmute.

When a MUTE key is on (lit), the signal of the corresponding module is muted.

SOLO keys

Using the default factory settings, multiple SOLO keys () can be pressed to enable solo monitoring of signals mixed from multiple channel modules.

SOLO settings can be changed on the MONITOR SETUP Screen. Open this using Menu Screen > Mixer Setup menu > Monitor/Solo Setup item.



NOTE

The MONITOR SETUP screen MONITOR/SOLO page can also be opened by pressing one of the following buttons while pressing the MENU key ().

- Press any SOLO key () while pressing the MENU key

()

- Press the SOLO CLEAR key () while pressing the MENU key ()

SEL keys

Press a channel section SEL key () or the master section SEL key () to open the MODULE Screen for the selected channel.

Tap the desired screen selection button at the top of the MODULE screen, and use the touchscreen () and LCD knobs () to set various parameters.

Faders

The 16 channel faders of Sonicview 16 and the 24 channel faders of the Sonicview 24 show the SEND levels to the following buses.

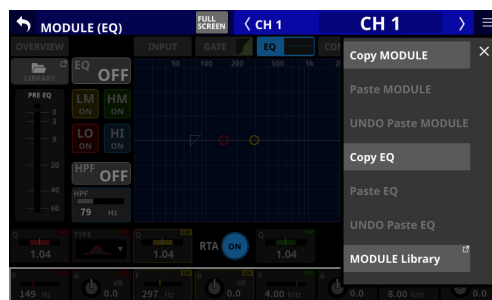
- MAIN L/R bus when the SENDS ON FADER key () is off (unlit)
- Selected MIX SEND/FX SEND bus when the SENDS ON FADER key () is on (lit)

Use LAYER KEYS 1–7 () to switch layers. Then, use the faders to adjust the levels of each module.

The MASTER fader () controls the master SEND level of the selected bus.

Copy/Paste

Tap the  button at the top right of the MODULE Screen to open the MODULE pull-down menu.



Parameters can be copied and pasted using the MODULE menu. Parameters that can be copied and pasted differ according to the open MODULE screen.

To copy or paste all the parameters of the selected channel module, execute Copy MODULE or Paste MODULE in this MODULE menu.

Output channels

Overview of output channel types

MIX1-22

These output modules, which can be switched between mono and stereo, have EQ, GEQ and dynamics.

MAIN L/R

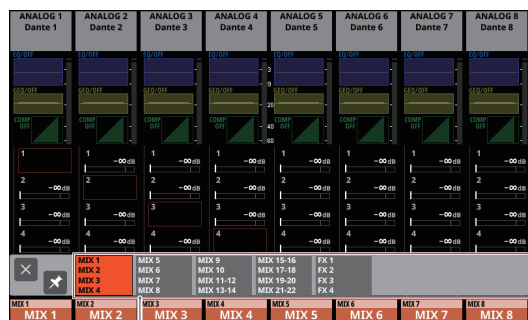
This stereo main bus output module has EQ, GEQ and dynamics.

EQ/GEQ/COMP

Tap the EQ/GEQ/COMP area (B) area in "Setting various parameters on the Home Screen" on page 31) on the Home Screen of a module to open the MODULE (EQ), MODULE (GEQ) or MODULE (COMP) screen. On these screens, use the touchscreen (1) and LCD knobs (2) to make EQ/GEQ/COMP settings. In addition, by opening the LIBRARY Screen using a LIBRARY button on a MODULE screen, preset data can be recalled and current settings can be stored.

SEND level adjustment

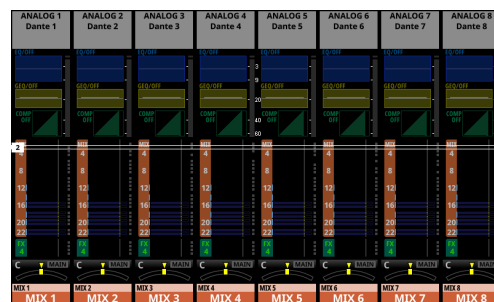
- Tap the SEND area (C) area in "Setting various parameters on the Home Screen" on page 31) on the Home Screen to show the selection frame, enabling adjustment of the SEND levels of the selected MIX1-22/FX1-4 buses using the LCD knobs (2).
- Tap a SEND/PAN button on the Home Screen to open the MODULE (SEND/PAN) screen of the tapped channel module. On this screen, the SEND LEVEL as well as the ON/OFF, PRE/POST and PAN/BAL settings of the selected channel module can be set. MODE and IMAGE can also be adjusted for stereo input modules. To switch the Pre/Post setting, tap the PRE/POST SETTINGS button on the screen.
- Tap the button on the left edge of the Home Screen to open the selection window for the bus shown in the SEND area (C) area in "Setting various parameters on the Home Screen" on page 31).



bus selection button

- Tap a bus selection button to open the selected bus group in the SEND area.
- Tap the button at the top left of the selection window to close it.
- When the button is off (X), tapping the bus selection button will automatically close this window.
- When the button is on (X), tapping a bus selection button will not close this window.

- Tap the ALL SEND (ALL SEND) button on the right edge of the Home Screen to show the SEND levels of all MIX 1-22/FX 1-4 buses in the SEND area (C) area in "Setting various parameters on the Home Screen" on page 31). Tap this display to switch to showing 4 buses in the tapped area.



PAN settings

Tap the PAN area (D) area in "Setting various parameters on the Home Screen" on page 31) on the Home Screen to show the selection frame, enabling PAN adjustment using the LCD knobs (2).

MUTE keys

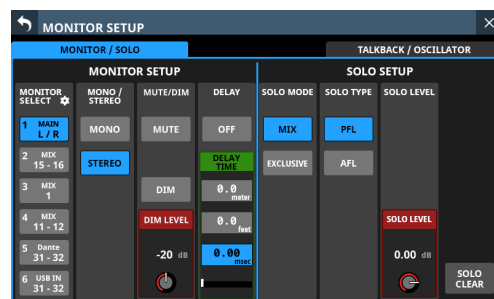
Press a MUTE key (3) to mute/unmute.

When a MUTE key is on (lit), the signal of the corresponding module is muted.

SOLO keys

Using the default factory settings, multiple SOLO keys (4) can be pressed to enable solo monitoring of signals mixed from multiple channel modules.

SOLO settings can be changed on the MONITOR SETUP Screen. Open this using Menu Screen > Mixer Setup menu > Monitor/Solo Setup item.



NOTE

The MONITOR SETUP screen MONITOR/SOLO page can also be opened by pressing one of the following buttons while pressing the MENU key (11).

- Press any SOLO key (4) while pressing the MENU key (11)
- Press the SOLO CLEAR key (14) while pressing the MENU key (11)

SEL keys

Press a channel section SEL key (5) or the master section SEL key (16) to open the MODULE Screen for the selected channel. Tap the desired screen selection button at the top of the MODULE screen, and use the touchscreen (1) and LCD knobs (2) to set various parameters.

Faders

The 16 channel faders of Sonicview 16 and the 24 channel faders of the Sonicview 24 show the SEND levels to the following buses.

- MAIN L/R bus when the SENDS ON FADER key (28) is off (unlit)
- Selected MIX SEND/FX SEND bus when the SENDS ON FADER key (28) is on (lit)

Use the Use LAYER KEYS 1–7 (20) to move between the 7 fader layers, and set their levels.

The MASTER fader (21) controls the master SEND level of the selected bus.

Copy/Paste

Tap the  button at the top right of the MODULE Screen to open the MODULE pull-down menu.

Parameters can be copied and pasted using the MODULE menu.

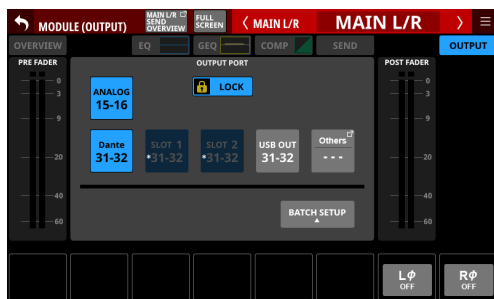
Parameters that can be copied and pasted differ according to the open MODULE screen.

To copy or paste all the parameters of the selected channel module, execute Copy MODULE or Paste MODULE in this MODULE menu.

Output connector assignments (output routing)

To check and change output connector routing settings, tap the Output Area at the top of the Home Screen for a MIX 1–22 module (A) area in “Setting various parameters on the Home Screen” on page 31) to open the MODULE (OUTPUT) Screen.

To check and change MAIN L/R output connector routing settings, press the MASTER section SEL key (16) to open the MAIN L/R master MODULE Screen. Then, tap the OUTPUT screen selection button at the top of the screen to open the MODULE (OUTPUT) screen.

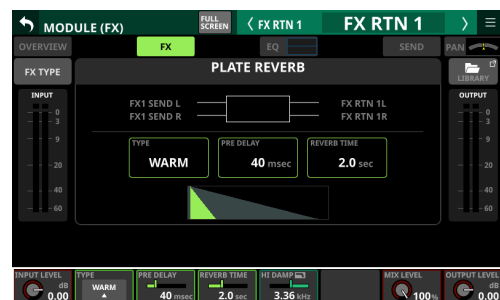


FX settings

- Tap the FX area (A) area in “Setting various parameters on the Home Screen” on page 31) at the top of the Home Screen of the FX RTN 1–4 module to show the selection frame. Then, use the LCD knobs (2) to adjust the parameters being shown.



- When the selection frame is shown on the FX area (A), tap it to open the MODULE (FX) screen for the FX RTN module. On this screen, use the touchscreen (1) and LCD knobs (2) to make FX parameter settings and change the FX TYPE. The FX Library Screen can also be opened from this screen. In addition, on the FX LIBRARY Screen opened using the LIBRARY button on this screen, preset data can be recalled and current settings can be stored.



Copy/Paste

Tap the  button at the top right of the MODULE Screen to open the MODULE pull-down menu.

Parameters can be copied and pasted using the MODULE menu.

Parameters that can be copied and pasted differ according to the open MODULE screen.

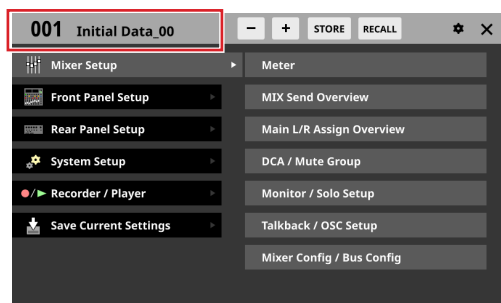
To copy or paste all the parameters of the selected channel module, execute Copy MODULE or Paste MODULE in this MODULE menu.

Snapshot functions

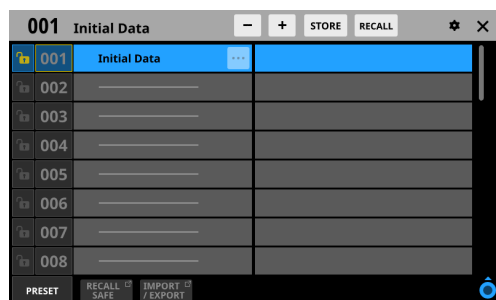
Snapshots are used to save and recall settings, including mixer signal processing and routing.

Storing and recalling snapshots

1. Press the MENU key (Ⓜ) to open the Menu Screen.
Use the Snapshot selection buttons (◀ / ▶) at the top of the Menu Screen to select a number. Then, tap the RECALL button to recall the settings for the number shown, or tap the STORE button to save settings to the number shown.



2. Tap the snapshot number/name area at the top left of the Menu Screen to open the Snapshot List Screen.
Tap the list and select a slot. Then, tap the RECALL button to recall the settings for that slot, or tap the STORE button to save settings to that slot.



3. Use the Recall Safe settings to set items that will be protected (not changed) when recalling snapshots.
To change the Recall Safe settings, tap the RECALL SAFE button on the Snapshot List Screen to open the SNAPSHOT RECALL SAFE Screen.
4. Snapshot data can also be imported from and exported to external storage.
To import/export snapshot data, tap the IMPORT/EXPORT button at the bottom of the Snapshot List Screen to open the SNAPSHOT IMPORT/EXPORT screen.

Troubleshooting

If you are having trouble with the operation of this unit, please try the following before seeking repair.

If these measures do not solve the problem, please contact the store where you purchased this unit or TASCAM customer support service.

Power will not turn on

- Confirm that the power plug and other connectors are inserted completely.

No sound is output

- Confirm that the input and output routings and bus assignments are correct.
- Check connections with the monitoring system again. Check the volume of the amplifier as well.
- Confirm that the monitoring sources are correctly selected.
- Are that channel faders raised to suitable levels?
- Confirm that the MASTER fader is raised to a suitable level.
- Confirm that the PHONES or MONITOR OUT volume is raised to a suitable level?
- Are any of the channel MUTE (Ⓢ) or SOLO (Ⓣ) keys on?

There is noise

- Confirm that the connection cables do not have contact issues.

Changed settings are forgotten

This unit saves settings at one-minute intervals.

Since saving could fail depending on when the power is turned off, use the Save Current Settings item on the Menu Screen to save the current settings in the internal memory before turning the power off.

Specifications and ratings

Audio performance

0 dBu = 0.775 Vrms

Mic amp EIN (equivalent input noise)

-128 dBu or less

Frequency response

MIC/LINE IN to OUTPUT (Analog)
20 Hz - 40 kHz: +0 dB, -1.0 dB (JEITA)

Dynamic range

108 dB or more (MIC/LINE IN to OUTPUT (Analog), PAD = OFF, TRIM at minimum, D.Ref = -20dBFS, Clock master = INT, JEITA)
110 dB or more (MIC/LINE IN to Dante OUT, PAD = OFF, TRIM at minimum, JEITA)
112 dB or more (Dante IN to OUTPUT (Analog), Clock master = INT, JEITA)

Distortion

0.002% or less (MIC/LINE IN to OUTPUT (Analog), Input at +4 dBu, PAD = OFF, TRIM at minimum, JEITA)
0.002 % or less (MIC/LINE IN to Dante OUT, Input at +4 dBu, PAD = OFF, TRIM at minimum, JEITA)
0.002 % or less (Dante IN to OUTPUT (Analog), Input at 0 dBFS, JEITA)

Crosstalk

100 dB or more (MIC/LINE IN to OUTPUT (Analog), 1 kHz sine wave, JEITA)

D.Ref: Digital Reference Level setting

Analog audio input and output ratings

0 dBu = 0.775 Vrms, 0 dBV = 1 Vrms

MIC/LINE input jacks

Sonicview 16: 1-16
Sonicview 24: 1-24
Connectors: XLR-3-31 equivalent (1: GND, 2: HOT, 3: COLD)
Input levels:
PAD off
Maximum input level: +12 dBu (TRIM at minimum)
Minimum input level: -62 dBu (TRIM at maximum)
PAD On
Maximum input level: +32 dBu (TRIM at minimum)
Minimum input level: -42 dBu (TRIM at maximum)
Input impedance: 5.0 kΩ or higher

NOTE

+48V phantom power can be supplied to each MIC/LINE input jack separately.

LINE IN (BAL) jacks

Sonicview 16: 9-16
Sonicview 24: 17-24
Connectors: 6.3mm (1/4") TRS phone jacks
(Tip: HOT, Ring: COLD, Sleeve: GND)
Input levels:
PAD Off
Maximum input level: +12 dBu (TRIM at minimum)
Minimum input level: -62 dBu (TRIM at maximum)
PAD On
Maximum input level: +32 dBu (TRIM at minimum)
Minimum input level: -42 dBu (TRIM at maximum)
Input impedance: 5.0 kΩ or higher

INSERT jacks

Sonicview 16: 7-8
Sonicview 24: 15-16
Connectors: 6.3mm (1/4") TRS phone jacks
(Tip: SEND, Ring: RETURN, Sleeve: GND)
RETURN (Ring)
Maximum input level: +18 dBu
Nominal input level: -2 dBu
Input impedance: 5.0 kΩ or higher
SEND (Tip)
Maximum output level: +18 dBu
Nominal output level: -2 dBu
Output impedance: 100 Ω or less

TALKBACK input jack

Connectors: XLR-3-31 equivalent (1: GND, 2: HOT, 3: COLD)
Maximum input level: +10 dBu
Minimum input level: -65 dBu
Gain adjustment range: 0 - 55 dB
Input impedance: 5.0 kΩ or higher

NOTE

+48V phantom power can be supplied.

ST IN 1-2 L/R jacks

Connectors: RCA pin jacks
Maximum input level: +6 dBV
Nominal input level: -10 dBV
Headroom: 16 dB
Input impedance: 10 kΩ or higher

OUTPUT 1-16 jacks

Connectors: XLR-3-32 equivalent (1: GND, 2: HOT, 3: COLD)
Output impedance: 100 Ω or less
Nominal output level:
+6dBu (D.Ref: -9 dBFS, A.Ref: +6 dBu)
+4dBu (D.Ref: -14/-16/-18/-20 dBFS, A.Ref: +4 dBu)
0dBu (D.Ref: -18/-20 dBFS, A.Ref: 0 dBu)
Maximum output level:
+15 dBu (D.Ref: -9 dBFS, A.Ref: +6 dBu)
+18 dBu (D.Ref: -18 dBFS, A.Ref: 0 dBu)
+20 dBu (D.Ref: -20 dBFS, A.Ref: 0 dBu)
+18 dBu (D.Ref: -14 dBFS, A.Ref: +4 dBu)
+20 dBu (D.Ref: -16 dBFS, A.Ref: +4 dBu)
+22 dBu (D.Ref: -18 dBFS, A.Ref: +4 dBu)
+24 dBu (D.Ref: -20 dBFS, A.Ref: +4 dBu)

D.Ref: Digital Reference Level setting
A.Ref: Analog Reference Level setting

MONITOR OUT L/R jacks

Connectors: XLR-3-32 equivalent (1: GND, 2: HOT, 3: COLD)
 Maximum output level: +24 dBu
 Nominal output level: +4 dBu
 Output impedance: 100 Ω or less

Phones jack

Connectors: 6.3mm (1/4") stereo phone jack,
 3.5mm (1/8") stereo mini jack
 Maximum output: 100 mW + 100 mW (32 Ω load, when
 connected to only one jack)

Digital audio input/output ratings

Dante PRIMARY/SECONDARY connectors

Connector: etherCON Cat5e compatible connector*
 Transmission protocol: Dante
 Gigabit Ethernet standard: 1000BASE-T (IEEE 802.3ab)
 Cables: category 5e or faster STP cables

* etherCON is a registered trademark of Neutrik AG.

USB Audio

Sampling Rate: 48 kHz, 96 kHz
 Bit Depth: 32 bit
 Number of inputs: 32 channels (Input to this unit)
 Number of outputs: 32 channels (Output from this unit)

Control input/output ratings

FOOTSWITCH jack

Connector: 6.3mm (1/4") TS phone jack
 (Tip: HOT, Sleeve: GND)

ETHERNET connector

Connector: RJ-45
 Compatible standards: 100BASE-TX, 1000BASE-T

GPIO connector

Connector: 25-pin D-sub (8-in/8-out, female, inch-standard)

- See "GPIO settings" on page 34 for details about the GPIO connector and assignments.

Other input and output specifications

USB port (Top panel)

Connector: USB Type-C
 Protocol: USB 2.0 HIGH SPEED (480 Mbps)

USB port (Rear panel)

Connector: USB Type-B
 Protocol: USB 2.0 HIGH SPEED (480 Mbps)

LAMP jack

Connector: XLR 4-pin female (pin 4: +12V, pin 3: GND)
 Power supply voltage: 0 V – +12 V
 Maximum output: 5 W

WORD IN connector

Connector: BNC
 Input level: 0.5–5 Vp-p
 Input impedance: 75 Ω $\pm$ 10% (termination resistance on)*
 Input frequency: 48, 96 kHz
 Allowable frequency deviation: $\pm$ 100 ppm

* See "Setting the master clock and word connectors" on page 32 for details about turning termination resistance on/off.

WORD THRU/OUT connector*

Connector: BNC
 Output level: equivalent to 5V TTL
 Output frequency: 48, 96 kHz

* See "Setting the master clock and word connectors" on page 32 for details about through/word output switching.

Recorder/Player specifications

Recording media

SDHC cards (8GB–32GB, Class 10 or more)
 SDXC cards (64GB–128GB, Class 10 or more)
 USB flash drives (8GB–128GB, playback only)

NOTE

A list of SD cards that have been confirmed for use with this unit can be found on our web site. Access this list from the product page of this product on the TEAC Global Site (<https://teac-global.com>) or contact the TASCAM customer support service.

File System

SDHC card: FAT32
 SDXC card: exFAT
 USB flash drives: FAT32/exFAT

Recording/playback formats

BWF/WAV
 Recording: 48/96 kHz, 24-bit, 2-channel
 Playback: 48/96 kHz, 16/24-bit, 2-channel
 MP3
 Playback: 44.1/48 kHz, 32–320 kbps, 2-channel
 AAC
 Playback: 44.1/48 kHz, 64–320 kbps, 2-channel

Other

Power

AC 100-240V, 50/60Hz

Power consumption

Sonicview 16: 65W

Sonicview 24: 85W

External dimensions

Sonicview 16: 472.0 x 228.1 x 554.4 mm

Sonicview 24: 690.8 x 228.1 x 554.4 mm
(width x height x depth)

Weight

Sonicview 16: 13 kg

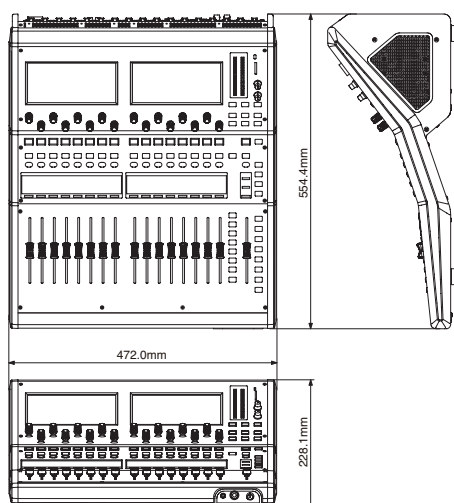
Sonicview 24: 18 kg

Operating temperature range

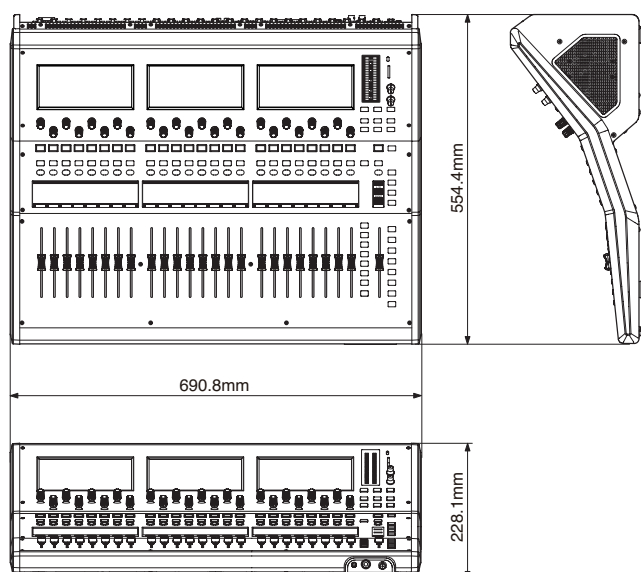
0 - 40°C

Dimensional drawings

Sonicview 16



Sonicview 24



- Illustrations in this manual might differ in part from the actual product.
- Specifications and external appearance might be changed without notification to improve the product.
- Detailed specifications are provided in the Reference Manual.

WARRANTY

< In the United States >

This warranty gives you specific legal rights and you may also have other rights which vary from state to state. This warranty is only valid within the country the unit was originally purchased.

WHAT IS COVERED AND WHAT IS NOT COVERED

Except as specified below, this warranty covers all defects in materials and workmanship in this product. The following are not covered by the warranty:

1. Damage to or deterioration of the external cabinet.
2. Damage resulting from accident, misuse, abuse or neglect.
3. Damage resulting from failure to perform basic daily maintenance and/or calibration or otherwise resulting from failure to follow instructions contained in your owner's manual.
4. Damage occurring during shipment of the product. (Claims must be presented to the carrier)
5. Damage resulting from repair or attempted repair by anyone other than TEAC or an authorized TASCAM service station.
6. Damage resulting from causes other than product defects, including lack of technical skill, competence, or experience of the user.
7. Damage to any unit which has been altered or on which the serial number has been defaced, modified or is missing.

WHO IS COVERED UNDER THE WARRANTY

This warranty may be enforced only by the original purchaser. This warranty is not valid if the product was purchased through an unauthorized dealer.

LENGTH OF WARRANTY

All parts except heads and disk drives are warranted for one (1) year from the date of original purchase. Heads and disk drives are warranted for ninety (90) days from date of original purchase. Labor is warranted for ninety (90) days from date of original purchase.

WHAT WE WILL PAY FOR

We will pay all labor and material expenses for items covered by the warranty. Payment of shipping charges is discussed in the next section of this warranty.

HOW YOU CAN GET WARRANTY SERVICE

Your unit must be serviced by an authorized TASCAM service station in the United States. (This warranty is not enforceable outside the U.S.) If you are unable to locate an authorized TASCAM service station in your area, please contact us. We either will refer you to an authorized service station or instruct you to return the unit to the factory. Whenever warranty service is required, you must present a copy of the original dated sales receipt from an Authorized TASCAM Dealer.

You must pay any shipping charges if it is necessary to ship the product to service. However, if the necessary repairs are covered by the warranty, we will pay return surface shipping charges to any destination within the United States.

LIMITATION OF IMPLIED WARRANTIES

Any implied warranties, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, are limited in duration to the length of this warranty.

EXCLUSION OF DAMAGES

TEAC's liability for any defective product is limited to repair or replacement of the product, at TEAC's option. TEAC shall not be liable for:

1. Damages based upon inconvenience, loss of use of the product, loss of time interrupted operation or commercial loss; or
2. Any other damages, whether incidental, consequential or otherwise.

Some states do not allow limitations on how long an implied warranty lasts and/or do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations and exclusions may not apply to you.

To locate an Authorized Service Center in Your Area

CALL 1-323-726-0303

< Europe >

This product is subject to the legal warranty regulations of the country of purchase. In case of a defect or a problem, please contact the dealer where you bought the product.

Ce produit est sujet aux réglementations concernant la garantie légale dans le pays d'achat. En cas de défaut ou de problème, veuillez contacter le revendeur chez qui vous avez acheté le produit.

Dieses Gerät unterliegt den gesetzlichen Gewährleistungsbestimmungen des Landes, in dem es erworben wurde. Bitte wenden Sie sich im Gewährleistungsfall an den Händler, bei dem sie das Gerät erworben haben.

Questo apparecchio è conforme alle norme sulla garanzia vigenti nel rispettivo Paese in cui esso è stato acquistato. Si prega di rivolgersi al proprio commerciante, presso il quale è stato acquistato l'apparecchio, nel caso in cui si voglia richiedere una prestazione in garanzia.

Las condiciones de garantía de este aparato están sujetas a las disposiciones legales sobre garantía del país en el que ha sido adquirido. En caso de garantía, debe dirigirse al establecimiento donde adquirió el aparato.

< In other countries/areas >

This warranty gives you specific legal rights, and you may also have other rights that vary by country, state or province.

If you have a warranty claim or request, please contact the dealer where you bought the product.

该保证书赋予了顾客特定的合法权利，并且因国家，州或省等地域的不同，顾客可能拥有其他权利。如需申请或要求保修，请与购买本产品的销售店进行联系。

If you require repair services for your TASCAM equipment, please contact the dealer where the product was purchased from or the TASCAM Distributor in your country. A list of TASCAM Distributors can be found on our website at: <https://teac-global.com/>

TASCAM

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<https://tascam.cn/cn/>

中国印刷

0823. MA-3720A

WARRANTY / 保修单

Model / 型号

Sonicview 16/Sonicview 24

Serial No. / 序列号

Date of purchase / 购买日期

Owner's name / 顾客姓名

Address / 顾客地址

Dealer's name / 销售店名

Dealer's address / 销售店

TASCAM

<https://teac-global.com/>

Sample