

OT-14TM

**1x4 Digital Audio
Optical S/PDIF
Thru Box**

MANUAL

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1x4 Digital Audio Optical S/PDIF Thru Box

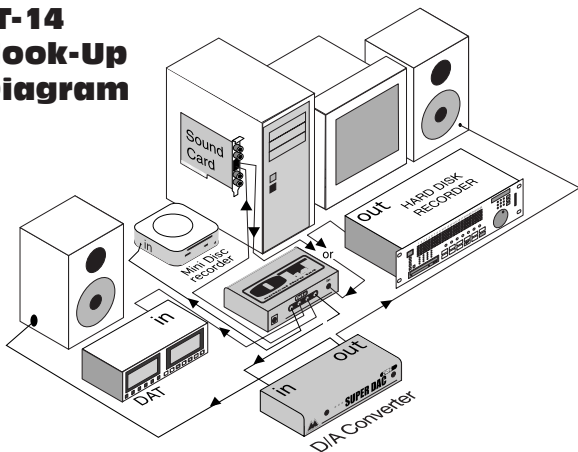
Thank you for purchasing the OT-14, by M Audio. The OT-14 accepts one optical digital audio signal via Toslink connector, and duplicates it to four Toslink optical digital outputs, all on the rear of the OT-14. This allows you to take the optical output of any digital audio source, ADAT 8-channel or S/PDIF optical format, and send it simultaneously to four digital audio targets capable of receiving that same optical format. The OT-14's active electronics assure that the integrity of your digital signal is never compromised.

NOTE: The OT-14 will handle any ADAT or optical S/PDIF signal having sample rates 100kHz or less, and supports all data widths. However, since it is not a converter, it will pass only one digital format at a time. The digital format signal present at the OT-14 input is the digital format that is duplicated to the OT-14 outputs, i.e. ADAT to ADAT, or S/PDIF to S/PDIF.

The setup example that follows shows what might be a typical mixing scenario. The output of a Hard disk recorder or the output of a digital audio card is connected to the OT-14 input, while a DAT, computer-based digital audio card (such as an M Audio "Delta DiO 2496" or "DiO 2448"), a CD recorder, and a D/A Converter (to feed your monitors) are connected to the OT-14 outputs. This setup allows the user to take one mix output and simultaneously record to several mixdown decks, saving hours of time and possible frustration.

To set up the OT-14 in your system, first make sure all of your external devices are turned off. Then, using good-quality Toslink optical cables, follow this simple procedure:

OT-14 Hook-Up Diagram



1. With the OT-14 power button in the “out” (off) position, plug the appropriate end of the supplied 9-Volt DC “wall-wart” power adapter into your OT-14 and the other end into a wall socket or power strip. The OT-14 power indicator LED should be off.
2. Take the output of your digital audio source device and plug it into the OT-14 TOSlink input connector located on the rear of the OT-14.
3. Connect the OT-14’s TOSlink digital output connectors to the inputs of your receiving or “target” digital audio devices. You may want to connect the analog audio output of one of these devices to a sound system for monitoring purposes.
4. With all volumes turned down, turn on your source device.
5. Turn on the OT-14 by pressing its power button and allowing it to latch in the “in” position. The power indicator LED will light on the front of the OT-14 unit.
6. Turn on your target devices. Your OT-14 is now ready for use.

NOTE: When any signal is present at the OT-14 input, the "Signal Present" LED will light on the front of the unit. The OT-14 is "format neutral" and does not analyze the incoming signal. Therefore, although signal presence is detected by the OT-14, it may not necessarily be a valid ADAT or S/PDIF format signal.

Other Typical uses of the OT-14

- Sending a single digital out to multiple digital effects units.
- Outputting to several D/A converters simultaneously.
- Using a single digital out to both monitor your system's output and master to DAT and/or CD at the same time.
- Multiplying the sends on your digital mixer

If you have any questions about your OT-14, please contact our tech support in any of the following ways:

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