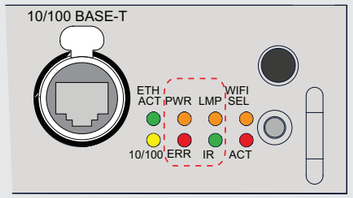
LED and Button indication chart

Button panel

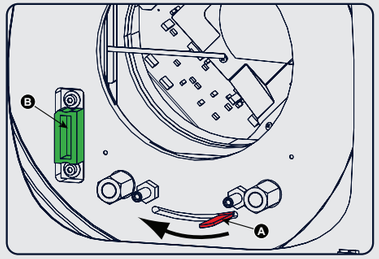


Communication interface

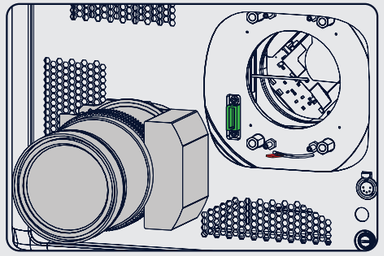
LED or Button	Color status	Description
Standby button	RED on	Projector is in standby
	RED toggles on/off	Projector startup failed
	GREEN toggles on/off	Projector starts up
	GREEN on	Projector is on
	WHITE toggles on/off	Projector goes from/to ECO standby
Pause button	RED on	Shutter is closed
	GREEN on	Shutter is open
	Dimmed WHITE	Shutter is closed, projector in standby
	Full WHITE	Shutter is undefined
	Full WHITE toggles on/off	Shutter is closed during reset formatter
PWR (power LED)	Off	Projector powers up
	RED	Projector is in standby
	ORANGE	Projector is in ECO standby
	GREEN	Projector is on
LMP (lamp LED)	Off	Lamp is off
	RED	No lamp inserted
	ORANGE	Lamp is on in ECO mode
	GREEN	Lamp is on in normal mode
	GREEN-ORANGE	Lamp is on in CLO mode
ERR (error LED)	Off	No error
	RED toggles on/off	Error
	ORANGE toggles on/off	Warning
IR	RED	IR signal received
	GREEN	IR signal acknowledged

HDX series Quick start guide

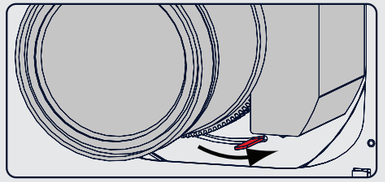
Mounting the lens



- Remove foam in lens opening.
- Place lens holder in unlock position. Handle A towards socket B.



- Gently insert the lens in such a way that the lens connector matches the socket B.
- Insert the lens until the connector seats into the socket.



- Secure the lens in the lens holder. Move handle A into the lock position (away from socket B).
- Check if lens touches the front plate of the lens holder.
- Check if the lens is really secured by trying to pull the lens out of the lens holder.

Local LCD screens

Overview window (A)

- Main source
- PiP source
- IP address
- Customer ID
- Lamp status
- Mains voltage
- Ambient temperature
- Text status (OSD)

Lamp overview window (B)

- Number of strikes
- Run time (hours)
- Remaining run time (hours)
- % lamp used

About window (C)

- Package version in use
- Mgr Software in use
- GUI Software in use

Common parts

- Error and warning area (1)
- Projector status (2)
  - **Green:** projector works correctly
  - **Red cross:** projector has errors
  - **Yellow triangle:** projector has warnings

Quick setup and operation

The following summarizes HDX setup and operation. For errorfree installation always refer to the User Guide.

1. **Connect power.** Ensure that the power (200-240 V @ 50/60hz) is properly connected to the power input.
2. **Connect available sources** to the appropriate input terminal.
3. **Power on.** Turn the mains switch to on.
4. **Start up** sequence starts. Local LCD displays a start up screen
5. **Standby button** changes from red to green when pressed.
6. **Image** of the latest selected input appears.
7. **Adjust the lens settings** by pressing the LENS button or via the direct lens keys on the RCU
8. **Auto image** can load automatically the correct file. The manual selection can be done via menu or other control systems.
9. **Orientation** of the unit is set as standard in table front projection mode. Change the projector set up in the ALIGNMENT > ORIENTATION menu.
10. **If geometrical distortion occurs** (optional HDX W12), this can be corrected with the Warping settings in the ALIGNMENT menu.
11. **Tuning the image** can be done in the IMAGE menu or via the image settings on the RCU
12. **Picture-in-Picture control** can be done in the LAYOUT menu or via the PiP button.
13. **Lamp** management in the LAMP menu.
14. **Switching off** the unit can be done by pressing the STBY button for 3 sec. An aftercool up to 300 sec will start.

Support

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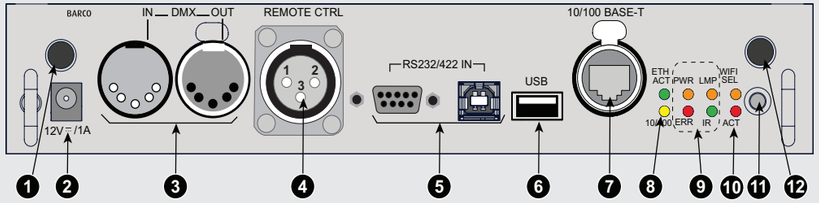
HDX series Quick start guide

Communication panel



1. **WIFI antenna** for wireless IP (optional)
2. **12V 1A** output
3. **DMX interface** input - output
4. **XLR input** for wired projector control
5. **RS232** for serial communication
6. **USB** backup custom settings
7. **10/100 base-T** for external control over IP and Art-Net
8. **Ethernet status lights**
9. **Projector Status lights**
10. **WIFI status lights**
11. **IR receive** sensor
12. **GSM antenna** input (optional)

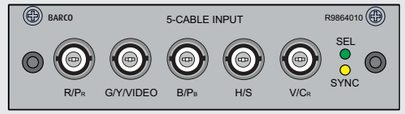
Connections

Standard inputs

- **Dual Link DVI-I HDCP** input accepts:
  RGB HV/YUV HV
  Single DVI
  Dual link DVI

- **3G/DUAL HDSDI** input accepts:
  3G : standard SMPTE 425M
  HDSDI : standard SMPTE 292M
  Dual link : standard SMPTE 372M
  SDI : standard SMPTE 259M

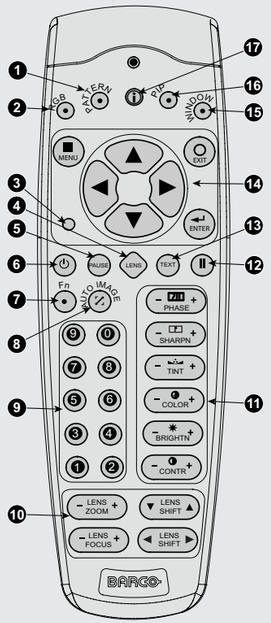
Optional input

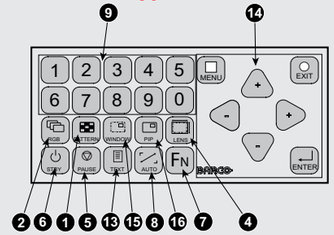


- **5 Cable Input** accepts:
  RGB HV/YUV HV
  Composite video
  S-Video

Input	R/P_R	G/Y/Video	B/P_B	H/S	V/C_R
RGBHV	R	G	B	H	V
RGBS	R	G	B	S	-
RGSB	R	G_S	B	-	-
RGBCV	R	G	B	CV	-
Composite Video	-	Video	-	-	-
S-Video	-	Y	-	-	C
Component Video-S	P_R/R-Y	Y	P_B/B-Y	S	-
Component Video-SOY	P_R/R-Y	YS	P_B/B-Y	-	-
YUV-CV	R-Y	Y	B-Y	CV	-

Using the remote control or local keypad

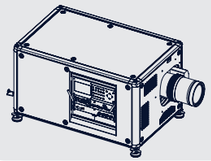




1. **Pattern** to display test patterns
2. **RGB** to toggle colors
3. **Address** to enter projector address
4. **Lens** to open lens adjustments menu
5. **Pause** to switch to pause
6. **Standby** to switch to standby
7. **Fn** to toggle the display to the preview image
8. **Auto image** to activate the auto image adjustment
9. **Digit keys** Direct input selection or numeric entries
10. **Lens keys** to direct lens adjustment
11. **Settings**
    Phase: to adjust phase (analog signals only)
    Sharpness: to increase edge detail
    Tint: to adjust tint (NTSC only)
    Color: to adjust color saturation
    Brightness: to adjust the low lights
    Contrast: to adjust the high lights
12. **Freeze** to freeze the current image
13. **Text** to activate or deactivate the OSD
14. **Navigation** and **Menu keys**
15. **Window** to select the active window
16. **PiP** to activate selected Picture in Picture
17. **Info** to activate help information on a menu item

Menu structure

INPUT	IMAGE	LAYOUT	LAMPS	ALIGNMENT	PROJECTOR CONTROL	SERVICE
Slot Module Type	Image Settings	Main Window	Lamp Power	Orientation	Projector Address	Identification
Input Locking	Aspect Ratio	PiP Window	Identification	Lens	Serial communication	Diagnostics
Native Resolution	Timings	Layout File Services	Z-axis	Warping	Network	Int. Service Patterns
No Signal	Image File Services	Same Zoom/Focus		Blanking	IR control	Convergence
	Save Custom Settings			Contrast/Intensity	DMX	Factory Default
				Gamma	Buttons	USB Memory
				Internal patterns	Menu Position	Reset Formatter
				Color Space	Local LCD	Refill mode
				ScenergiX	Change Language	Save Custom Settings
						Sp. HD Camera Mode
						Auto Dim overtemp.
						Time and Date



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IMPORTANT:

- Remove the lens before transporting the projector.
- To save lamp lifetime, first switch the projector to standby mode and wait until the after cooling is finished to switch off the main power.
- Ensure that the projector is operating with clean filters.
- Do not block the ventilation in and outlets
- Laser light can cause severe damage to the DMD. This damage is not covered by warranty.