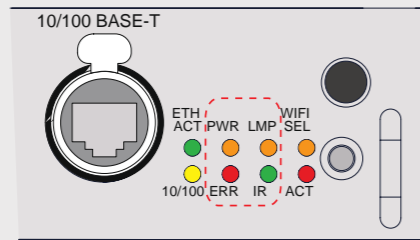


LED and Button indication chart



Button panel

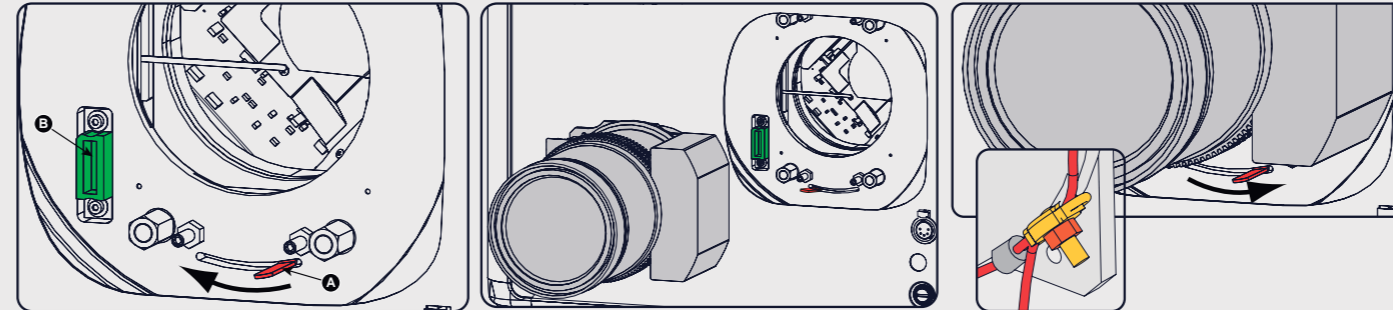


Communication interface

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 format
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
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

HDF W 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.
- Put the safety cable around the lens between the motor part and the mounting flange. Mount the clamp.

Local LCD screens



Overview window (A)

- Main source
- PiP source
- IP address
- RCU 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 HDF setup and operation. For errorfree installation always refer to the User Guide.

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

Support

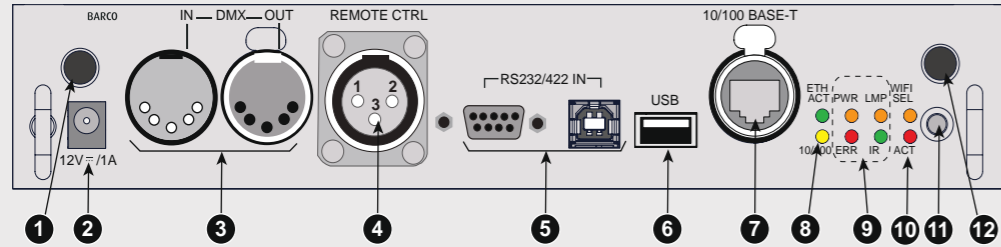
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HDF W series Quick start guide

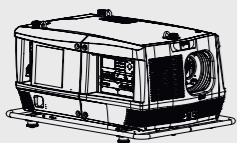
Communication panel



- 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)

Menu structure

INPUT	IMAGE	LAYOUT	LAMPS	ALIGNMENT	PROJECTOR CONTROL	SERVICE
Input Selection	Image Settings	Main Window	Lamp Power	Orientation	Projector Address	Identification
Advanced Settings	Aspect Ratio	PiP Window	Identification	Lens	Serial communication	Diagnostics
Input Locking	Timings	Layout File Services	Z-axis	Warping	Network	Int. Service Patterns
Minimum Delay	Image File Services	Same Zoom/Focus		Blanking	IR control	Convergence
Native Resolution	Save Custom Settings			Contrast/Intensity	DMX	Factory Default
No Signal	Splash image			Gamma	Buttons	USB Memory
EDID				Internal patterns	Menu Position	Reset Formatter
3D*				Color Space	Local LCD	Refill mode
				ScenergiX	Change Language	Save Custom Settings
				3D Glasses	Scheduler	Sp. HD Camera Mode
					GSM Configuration**	Auto Dim overtemp.
						Time and Date



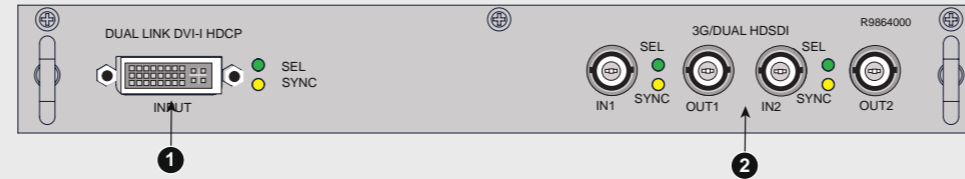
* Only available with optional 3D input
 ** Only available with optional GSM module

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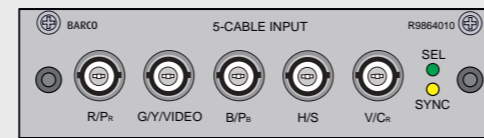
Connections

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

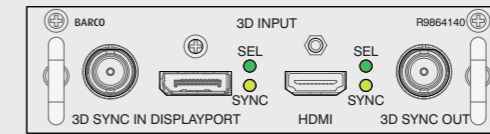
Optional input



- **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-S0Y	P _R /R-Y	YS	P _B /B-Y	-	-
YUV-CV	R-Y	Y	B-Y	CV	-

Optional 3D input

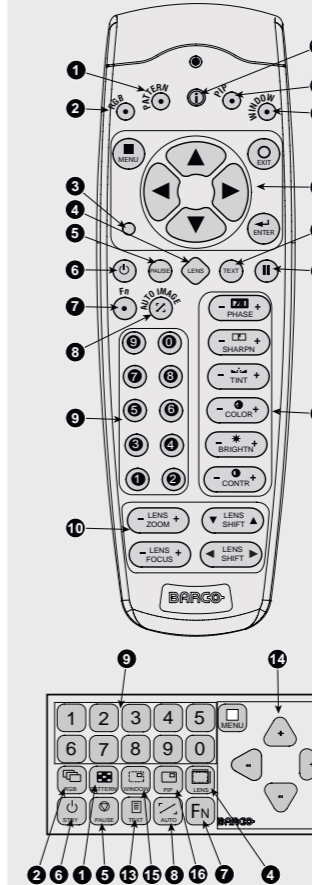


- **3D Input** accepts:
 3D sync in
 Display port 1.1a up to 210 MHz
 HDMI 1.4a up to 210 MHz

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.

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