



Scan for full manual

## 691/692 Quick Start Guide

This guide helps you install and use your 691/692 for the first time.

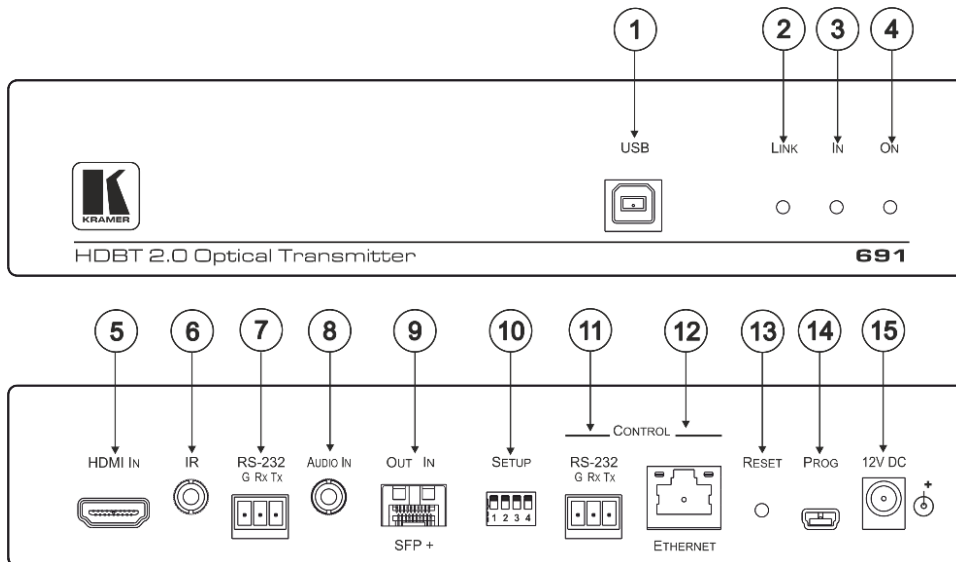
Go to [www.kramerav.com/downloads/691](http://www.kramerav.com/downloads/691) or [www.kramerav.com/downloads/692](http://www.kramerav.com/downloads/692) to download the latest user manual and check if firmware upgrades are available.

### Step 1: Check what's in the box

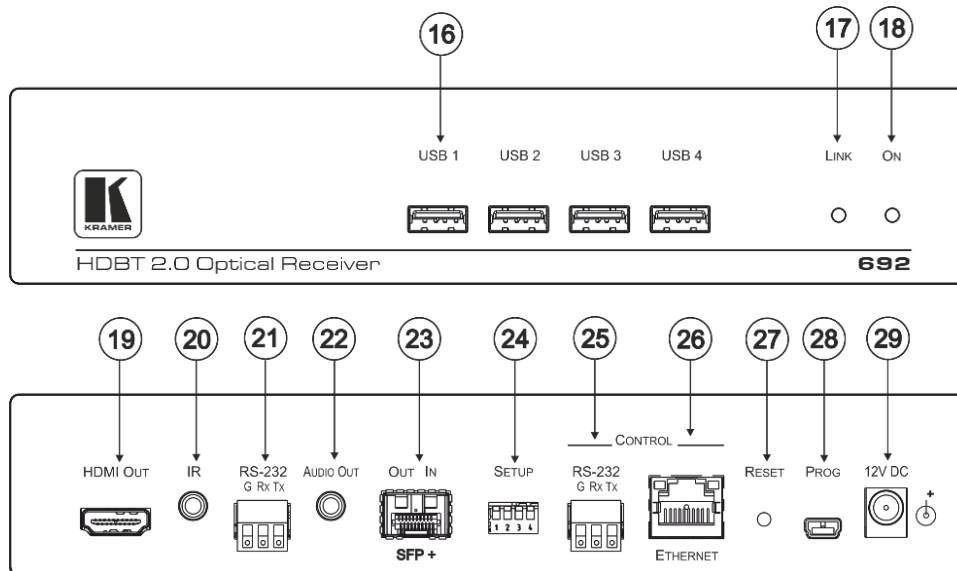
- ✓ 691 HDBT 2.0 Transmitter or  
692 HDBT 2.0 Receiver
- ✓ 1 OSP-MM1 Fiber Optic SFP+ Transceiver  
✓ 1 Power adapter and cord
- ✓ 1 Quick start guide  
✓ 4 Rubber feet

### Step 2: Get to know your 691/692

691



#	Feature	Function	
1	USB Connector	Connect to the USB host (for example, a laptop) for traffic extension to remote connected USB devices.	
2	LINK LED	Lights green when the HDBT link is active.	
3	IN LED	Lights green when an active HDMI source is connected.	
4	ON LED	Lights green when the device receives power.	
5	HDMI IN Connector	Connect to the HDMI source.	
6	IR 3.5mm Mini Jack Connector	Connect to an external infrared transmitter or receiver for traffic extension.	
7	RS-232 3-pin Terminal Block	Connect to an RS-232 controller for traffic extension (for example, a PC to control the projector).	
8	AUDIO IN 3.5mm Mini Jack	Connect to the stereo, analog audio source.	
9	OUT IN SFP+ Connector	Connect the fiber optic cable to the OUT IN SFP+ connectors ( <b>OSP-MM1</b> included).	
10	SETUP 4-way DIP-switch	Sets the device functions.	
11	CONTROL	RS-232 3-pin Terminal Block	Connect to the serial controller to control this device.
12		ETHERNET RJ-45 Connector	Connect to the LAN to extend network traffic to the receiver and Ethernet controller to control this device.
13	RESET Switch	Press and hold for 5 seconds to reset the device to factory default settings. Press and immediately release to power-cycle the device (Reset).	
14	PROG Mini USB Connector	Connect to a PC to perform firmware upgrades.	
15	12V DC Power Connector	Connect to the supplied power adapter.	

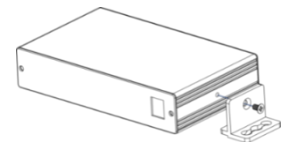


#	Feature	Function	
16	USB Connectors	Connect to the USB devices (for example, a camera, keyboard, mouse and so on) for traffic extension to a remote connected USB host.	
17	LINK LED	Lights green when the HDBT link is active.	
18	ON LED	Lights green when the device receives power.	
19	HDMI OUT Connector	Connect to the HDMI acceptor.	
20	IR 3.5mm Mini Jack Connector	Connect to an external infrared transmitter or receiver for traffic extension.	
21	RS-232 3-pin Terminal Block	Connect to an RS-232 Controller for traffic extension (for example, a PC to control the Blu-ray player on the transmitter side).	
22	AUDIO OUT 3.5mm Mini Jack	Connect to the stereo, analog audio acceptor.	
23	OUT IN SFP+ Connector	Connect the fiber optic cable to the OUT IN SFP+ connectors ( <b>OSP-MM1</b> included).	
24	SETUP 4-way DIP-switch	Sets the device functions.	
25	CONTROL	RS-232 3-pin Terminal Block	Connect to the serial controller to control this device.
26		ETHERNET RJ-45 Connector	Connect to the LAN to extend network traffic to the transmitter and Ethernet controller to control this device.
27	RESET Switch	Press and hold for 5 seconds to reset the device to factory default settings. Press and immediately release to power-cycle the device (reset).	
28	PROG Mini USB Connector	Connect to a PC to perform firmware upgrades.	
29	12V DC Power Connector	Connect to the supplied power adapter.	

## Step 3: Mount 691/692

Install **691/692** using one of the following methods:

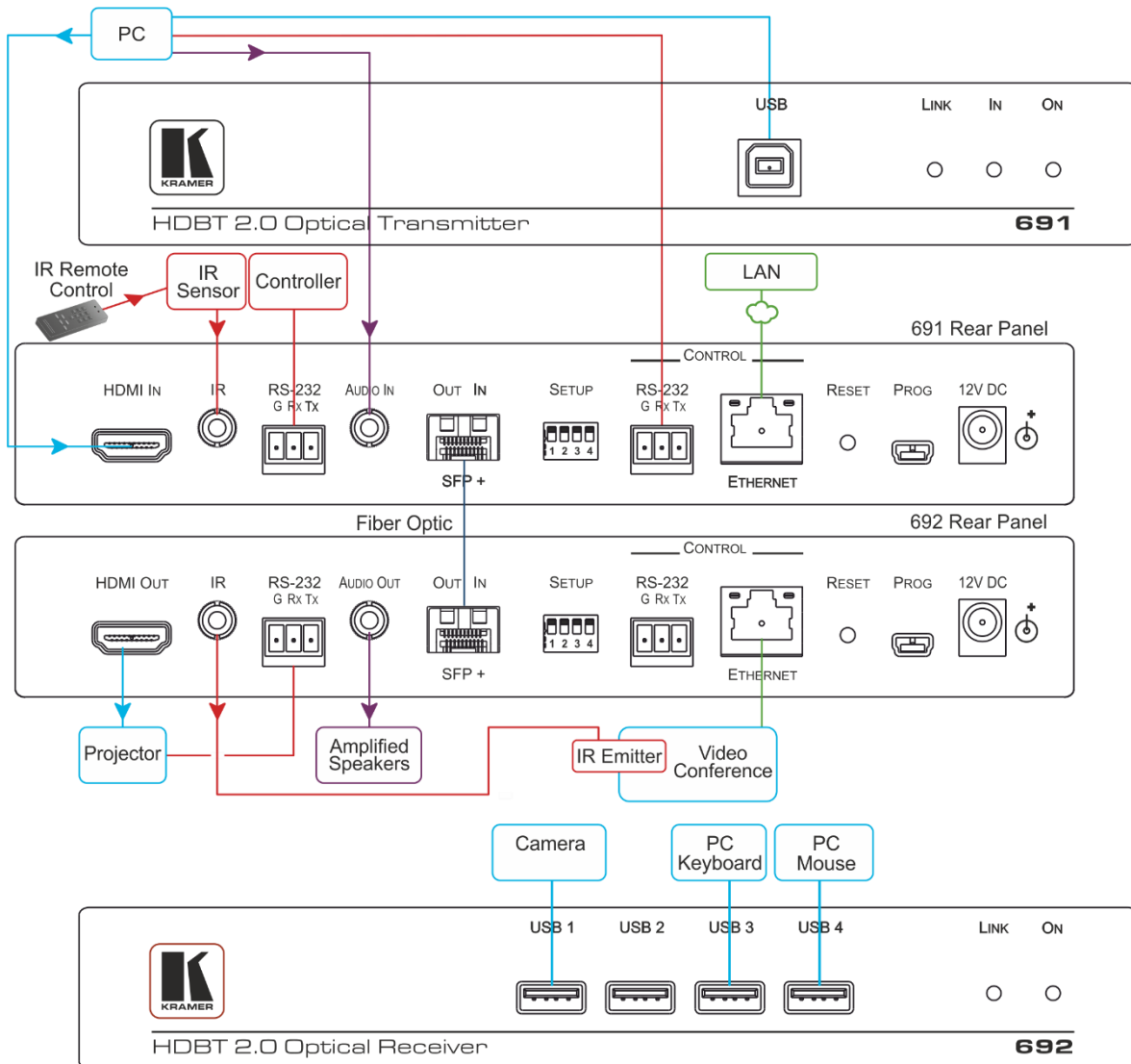
- Attach the rubber feet and place the unit on a flat surface.
- Fasten a bracket (included) on each side of the unit and attach it to a flat surface (see [www.kramerav.com/downloads/691](http://www.kramerav.com/downloads/691)).
- Mount the unit in a rack using the recommended rack adapter (see [www.kramerav.com/product/691](http://www.kramerav.com/product/691)).



- Ensure that the environment (e.g., maximum ambient temperature & air flow) is compatible for the device.
- Avoid uneven mechanical loading.
- Appropriate consideration of equipment nameplate ratings should be used for avoiding overloading of the circuits.
- Reliable earthing of rack-mounted equipment should be maintained.
- Maximum mounting height for the device is 2 meters.

## Step 4: Connect inputs and outputs

Always switch OFF the power on each device before connecting it to your **691/692**. For best results, we recommend that you always use Kramer high-performance cables to connect AV equipment to the **691/692**.



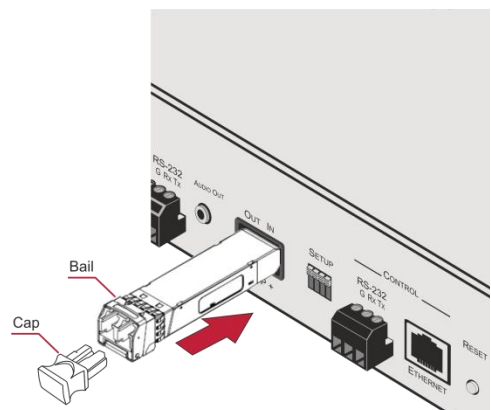
For optimal performance, use the RECOMMENDED Kramer cables available at [www.kramerav.com/product/691](http://www.kramerav.com/product/691).

Using third-party cables may cause damage!

### To install/replace the OSP-MM1 or other Kramer recommended SFP+ transceiver:

1. Pull the bail out and remove the currently installed transceiver, insert the protective cap and store in a safe place.
2. Make sure the bail of the new transceiver is pushed up, in the closed position.
3. Insert the new transceiver into the relevant optical device SFP+ slot and push it in until it clicks.
4. Remove the protective cap and store it in a safe place for future use.

**Warning:** Connecting the OSP SFP+ connector to an LC(APC) fiber connector may cause poor performance and damage the connector! Refer to [www.kramerav.com/downloads/691](http://www.kramerav.com/downloads/691) for more information.



### Warning: Class 1 Laser Product

- Invisible laser radiation present.
- Avoid long-term viewing of laser.
- Avoid the use of magnifying viewing aids or instruments (such as binoculars, telescopes, microscopes and magnifying lenses, but not spectacles or contact lenses).
- Avoid placing optical devices in the emitted beam that could cause the concentration of the laser radiation to be increased.

## SETUP DIP-Switches

A DIP-switch that is down is on, up is off. Changes to the DIP-switches only take effect on power-up. After changing a switch, reboot the device.

#	Function	Applicable to:	Status
1	For future use	691 and 692	—
2	Audio source priority	691 only	Off—Embedded audio (factory default) On—Analog audio
3	EDID lock	691 and 692	Off—Automatic EDID acquisition (factory default) On—Lock (locks the current EDID so that changes on the output do not result in changes to the EDID)
4	Audio mode selection	691 only	Off—Auto (factory default) On—Manual

## Step 5: Connect power

Connect the power cord to 691/692 and plug it into the mains electricity.

Safety Instructions (See [www.kramerav.com](http://www.kramerav.com) for updated safety information)

### Caution:

- For products with relay terminals and GPIO ports, please refer to the permitted rating for an external connection, located next to the terminal or in the User Manual.
- There are no operator serviceable parts inside the unit.

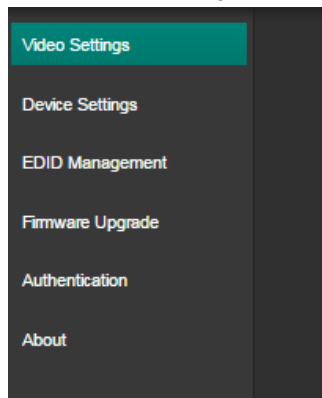
### Warning:

- Use only the power cord that is supplied with the unit.
- Disconnect the power and unplug the unit from the wall before installing.



## Step 6: Operate 691/692

Embedded Web pages:



RS-232 and Ethernet parameters and defaults:

RS-232			
Protocol 3000			
Baud Rate:	115,200	Stop Bits:	1
Data Bits:	8	Parity:	None
Command format:	ASCII		
Example (get device model name):	#model?<cr>		
TCP/IP			
IP Address:	192.168.1.39	UDP Port #:	50000
Subnet mask:	255.255.000.000	TCP Port #:	5000
Default gateway:	192.168.0.1		
Embedded Webpages Authentication			
User/Password	Admin/Admin		
Full Factory Reset			
Rear panel button:	Press and hold for 5 seconds to reset the device to factory default settings.		
P3K command:	#factory<cr>		
Embedded Web pages:	Select Device Settings page and click Factory reset		

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