

HDMI Fiber Optic Extender Kit (Multi-mode SC type)

ET-HF0101-TG200
ET-HF0101-RG200

User Manual

◀ V1.0 ▶



DataBay

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Optical HDMI Extender user's manual

Thank you for your purchase of the DataBay Optical HDMI (High Definition Multimedia Interface) Extender. You now have a high quality and durable device to extend high resolution content with the highest quality to 200 meters. This manual contains will assist you in installing and operating the product.

Product Description

Shipping Group

- **ET-HF0101-MG200 :**
One (ET-HF0101-TG200) unit of transmitter
One (ET-HF0101-RG200) unit of receiver
- **+5V AC/DC power adaptor:**
Two power adapter with input 100~240V.
- **HDMI cable :**
1 pcs of length 1.8M
- **User's Manual**



Figure 1 ET-HF0101-MG200 Transmitter and Receiver



Figure 2 +5V AC/DC power adaptor (100~240V, 1A)

System Requirements for Setup

Hardware requirements

You have to have a HDMI port in your PC, DVD player or Multimedia playing device. It should support the maximum graphic resolution feature of displays to be connected. There is no other special requirement.

Software requirements

No special restrictions, if you've already properly installed your HDMI instrument.

Installation

Important: Please use the installation procedure below. Improper or no operation may result if the start-up sequence is not correctly followed.

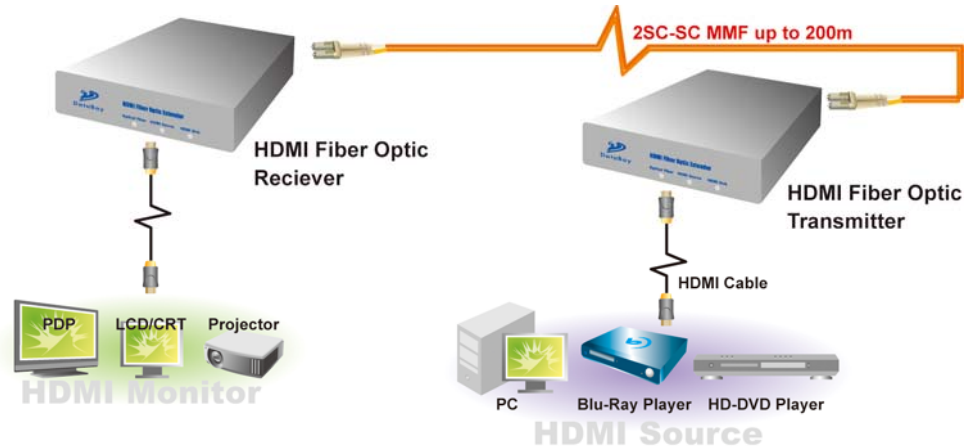


Figure 3 Installation of Optical HDMI extender

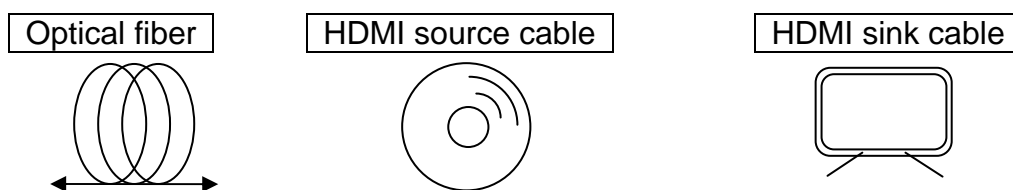
Installation Step

1. Put 'TX' module near to HDMI signal source, such as DVD players or computers.
2. Put 'RX' module near to HDMI sink, such as LCD TVs or Projectors.
3. Connect HDMI cable from TX to Source. Also connect the HDMI cable from RX to Sink.
4. Connect each duplex SC fiber cable as indicated number. The channel "1" of TX corresponds to channel "1" of RX. The other channels are the same connection.
5. Plug in the 5V adaptor to the electricity and TX/RX modules.

Note 1 : Clean end face of fiber before plugging in. The dust will cause damage to the fiber.

Note 2 : The length of HDMI cable should be **NOT** longer than 2 meters.

Note 3 : These three figures in front of the modules represent linking status. These 3 LEDs will be bright greenly if all setups are complete and correct. The left one stands for the connection of fiber. The middle one stands for the connection of HDMI source. The right one stands for the connection of HDMI sink.



Maintenance

No special maintenance is required for the optical HDMI extender and power supplies. Ensure that the TX, RX and power modules are stored or used in a benign environment free from liquid or dirt contamination.

There are no user serviceable parts. Refer all service and repair issues to DataBay.

Technical Support and Service

For commercial or general product support, contact your reseller. For technical service, contact DataBay by email sales@green-box.com or visit its website at www.green-box.com.tw

Product Specifications

PARAMETER	SPECIFICATION	NOTE
Max length	200M	62.5/125 MMF
Max resolution	1920 x 1080	
HDCP compliant	YES	
CEC compliant	YES	
Operating voltage	5VDC	
Electrical consumption	Power TX: 3W RX: 3W	5V/600mA 5V/600mA
Operating Temperature	-10°C to 50 °C	
Storage Temperatute	-20 °C to 75 °C	
Dimension	145 x 95 x 26	L x W x H (mm)
Weight	400g ± 5%	TX or RX

Adaptor Specification

PARAMETER	SPECIFICATION	NOTE
Input	100~240VAC	0.2A 50~60Hz
Output	DC 5V	1.0 A
DC Jack	Inside 5V / Outside ground	

FCC/CE Statement

This device complies with part 15 of FCC Rules and EN 55022/55024/61000-3 for CE certification. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 and 2 of FCC Rules and EN 55022/55024/61000-3 for CE certification. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction guide, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Re-orient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult a service representative for help.

Properly shielded and grounded cables and connectors must be used in order to comply with FCC/CE emission limits. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



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