

DIREKTRONIK

Dataprodukter utöver det vanliga

Best.nr: 20101676

**100M HDMI Extender over WIRELESS with
loop out, Support 1080P@60Hz YUV 4:4:4 8Bit**

/// OPERATION MANUAL



DIREKTRONIK

Direktronik AB tel. 08-52 400 700 www.direktronik.se

Dear Customer

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

Notice

The information in this document is subject to change without notice. Every effort has been made in the preparation of this document to ensure accuracy of the contents, but all statements, information, and recommendations in this document do not constitute the warranty of any kind, express or implied.

1. Features

- Support the highest Resolution up to 1080P@60Hz YUV 4:4:4 8bit(both of input and output)
- Support the longest distance to 100M wireless transmitted under certain conditions, like open space/horizontal height of equipment, etc
- Support HDCP 1.4, compatible with HDCP 2.2 Blu-Ray player, decryption output
- Support 100-230V voltage input, DC12V power supply
- With prompt to video output interface
- Support IR control with long distance
- Built in reset button

2. SPECIFICATIONS

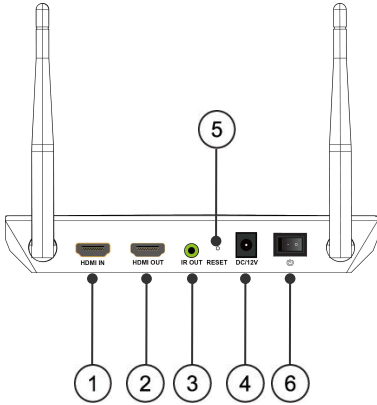
Operating Temperature Range	0 to +40°C(+32 to +104°F)
Operating Humidity Range	10 to90%RH (No Condensation)
Connectors on Transmitter	HDMI Receptacle x 2 (1xHDMI input, 1xHDMI loop output) Power DC Receptacle x 1 IR Receptacle x 1 (for IR TX)
Connectors on Receiver	HDMI Receptacle x 1 IR Receptacle x 1(for RX cable)
Resolution outputs	1080p/1080i/720p/576p/480p
Audio format supported	Uncompressed audio PCM 2.0
Output Video Signal	HDMI
Dimension (L×W×H)	TX: L170xW114.8xH26mm; RX: L170xW114.8xH26mm
Power supply	DC 12V 1A Power supply
Power consumption	4W(MAX)
Transmission Distance	1080p up to 100m
Net Weight	TX: 200g; RX:180g

3. Package Contents

- 1xHDMI Transmitter
- 1xHDMI Receiver
- 1 x IR TX Emitter
- 1x IR RX Receiver
- 2x12V DC Adapter
- 1xUser Manual

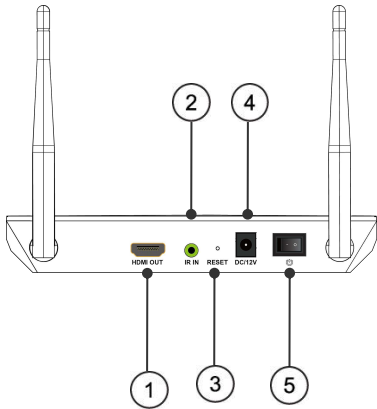
4. PANEL DESCRIPTIONS

Transmitter Panel



- ① HDMI input port
- ② HDMI loop out port
- ③ IR out Port
- ④ DC 12V port
- ⑤ Built-in reset button
- ⑥ ON-OFF switch

Receiver Panel

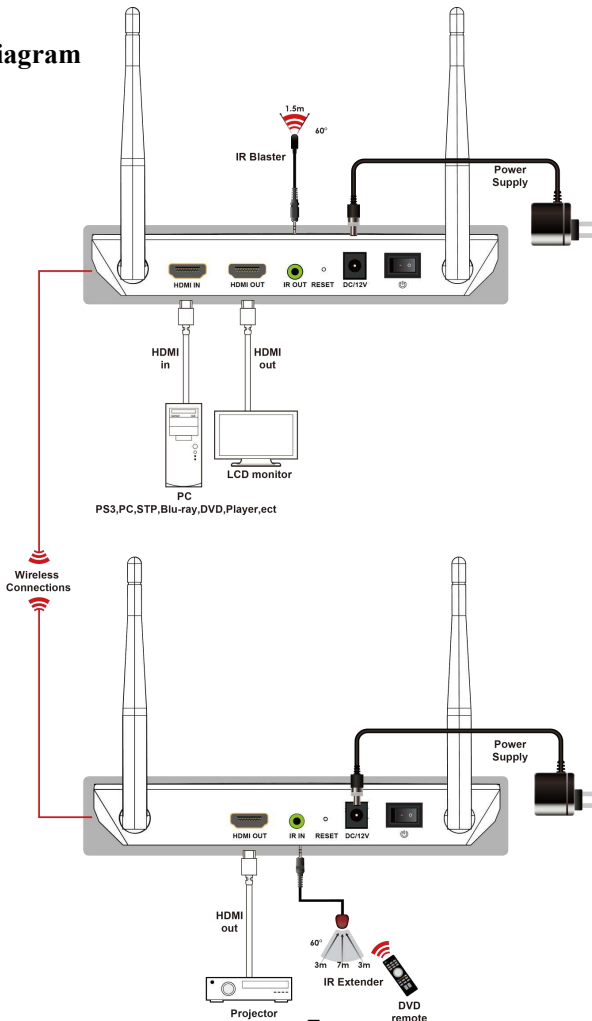


- ① HDMI output port
- ② IR In port
- ③ Built-in reset button
- ④ DC 12V port
- ⑤ ON-OFF switch

5. Connecting and operating

1. Connect 1 source such as a Blu-Ray Player, game console, STB, etc. to the HDMI input on the transmitter
2. Connect 1 display such as an HDTV or HD Projector to the Loop HDMI output on the transmitter.
3. Connect 1 display such as an HDTV or HD Projector to the HDMI output on the receiver .
4. Plug in the IR-RX cable and IR-TX cable to the IR jack port located on the Receiver and transmitter banal.
5. Power on the transmitter and receiver, turn on and match TX and RX first, then start working.

Connection Diagram



6. LED status indicator instruction

1. The device includes two kinds of LED status indicator: green power indicator and blue data transmission indicator

Power LED: Green, indicator light always on during power on, indicator light out when power off

Action LED: Blue, indicator light blinks at 4Hz per second during wifi data transmission, indicator light always on when no data transmission

2. Reset button: the reset button hidden inside the device, Press and hold 8s until you see the blue status indicator turn off. Release the button, complete the factory reset.

NOTED:

1. When using the device first time, need match TX and RX, when power on, firstly connecting loop out of TX and output of RX via HDMI cable, then short press the built-in reset button of RX and TX in turn, waiting for the blue indicator blinks with normal frequency, means match succeed, at this time connecting input and output to display image normally,

2. If the device has been matched or used before, reset the device firstly, then match,

3. If the device can not display image after matching, suggest to restart.

7. Video output interface instruction

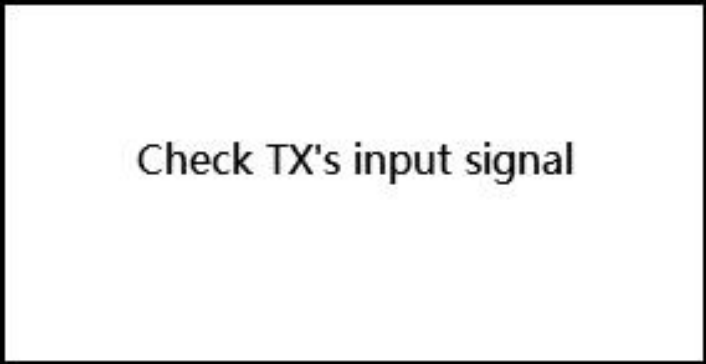
1. When the device power on and start to connect, the output interface of RX display below:



2. Interface of searching signal from input



3. Video output interface prompts when no signal from input



Check TX's input signal

MAINTENANCE

Clean this unit with a soft, dry cloth. Never use alcohol, paint thinner or benzene to clean this unit.

PRODUCT SERVICE

1) Damage requiring service:

The unit should be serviced by qualified service personnel if:

- (a) The DC power supply cord or AC adaptor has been damaged;
- (b) Objects or liquids have gotten into the unit;
- (c) The unit has been exposed to rain;
- (d) The unit does not operate normally or exhibits a marked change in performance;
- (e) The unit has been dropped or the cabinet damaged.

2) Servicing Personnel: Do not attempt to service the unit beyond that described in these operating instructions. Refer all other servicing to authorized servicing personnel.

3) Replacement parts: When parts need replacing ensure the servicer uses parts specified by the manufacturer or parts that have the same characteristics as the original parts. Unauthorized substitutes may result in fire, electric shock, or other hazards.

4) Safety check: After repairs or service, ask the servicer to perform safety checks to confirm that the unit is in proper working condition.

WARRANTY

If your product does not work properly because of a defect in materials or workmanship, our Company (referred to as "the warrantor") will, for the length of the period indicated as below, **(Parts(2)Year, Labor(90) Days)** which starts with the date of original purchase ("Limited Warranty period"), at its option either(a) repair your product with new or refurbished parts, or (b) replace it with a new or a refurbished product. The decision to repair or replace will be made by the warrantor.

During the "Labor" Limited Warranty period there will be no charge for labor.

During the "Parts" warranty period, there will be no charge for parts. You must mail-in your product during the warranty period. This Limited Warranty is extended only to the original purchaser and only covers product purchased as new. A purchase receipt or other proof of original purchase date is required for Limited Warranty service.

MAIL-IN SERVICE

When shipping the unit carefully pack and send it prepaid, adequately insured and preferably in the original carton. Include a letter detailing the complaint and provide a day time phone and/or email address where you can be reached.

LIMITED WARRANTY LIMITS AND EXCLUSIONS

1) This Limited Warranty **ONLY COVERS** failures due to defects in materials or workmanship, and **DOES NOT COVER** normal wear and tear or cosmetic damage.

The Limited Warranty **ALSO DOES NOT COVER** damages which occurred in shipment, or failures which are caused by products not supplied by warrantor, or failures which result from accidents, misuse, abuse, neglect, mishandling, misapplication, alteration, faulty installation, set-up adjustments, misadjustment of consumer controls, improper maintenance, power line surge, lightning damage, modification, or service by anyone other than a Factory Service center or other Authorized Servicer, or damage that is attributable to acts of God.

2) **THERE ARE NO EXPRESS WARRANTIES EXCEPT AS LISTED UNDER "LIMITED WARRANTY COVERAGE". THE WARRANTOR IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY.** (As examples, this excludes damages for lost time, cost of having someone remove or re-install an installed unit if applicable, travel to and from the service, loss of or damage to media or images, data or other recorded content. The items listed are not exclusive, but are for illustration only.)

3) **PARTS AND SERVICE, WHICH ARE NOT COVERED BY THIS LIMITED WARRANTY, ARE YOUR RESPONSIBILITY.**

The logo for DIREKTRONIK is displayed in a bold, stylized font. The letters are white with a thick red outline, set against a yellow background that features a large, curved yellow shape at the bottom of the page.