

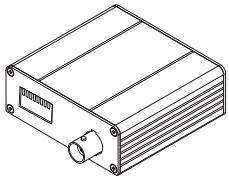
Quick Start Guide

HOC-500T / HOC-500R

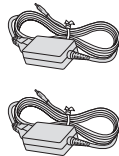
Please read carefully the instruction manual before use. Contents of this manual are subject to change without prior notice for reasons such as functionality enhancements.

Rev.1.2

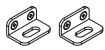
Package



HOC-500T : Transmitter
HOC-500R : Receiver



Adapter (Optional)



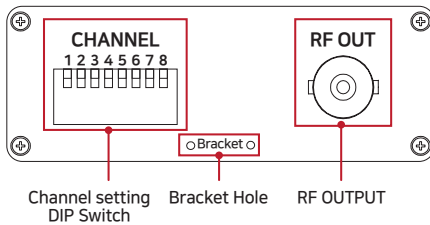
Bracket



Quick Start Guide

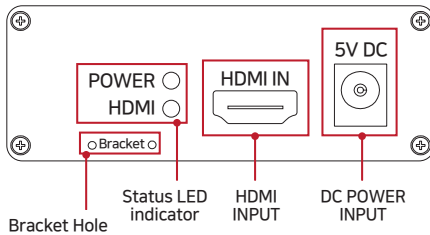
Hardware Overview

Tx_Right



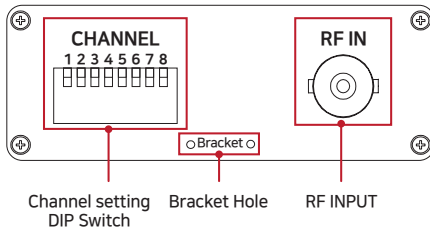
Channel setting DIP Switch Bracket Hole RF OUTPUT

Tx_Left



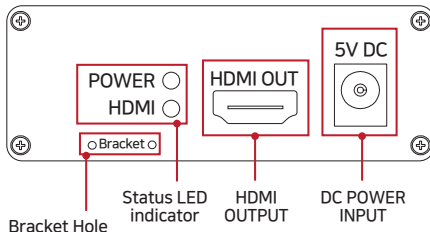
Bracket Hole Status LED indicator HDMI INPUT DC POWER INPUT

Rx_Right



Channel setting DIP Switch Bracket Hole RF INPUT

Rx_Left



Bracket Hole Status LED indicator HDMI OUTPUT DC POWER INPUT

Overview

The HOC-500T / R is an HDMI Extender that can transmit HDMI signals over long distances using coaxial cable.

By using the coaxial cables already installed or newly installed coaxial cable, it is possible to transmit HDMI video and audio signal with Max.1920x1080P 60fps Full HD resolution up to 500 meters.

HOC-500T/R offers solutions for various system configurations such as CCTV, AV equipment and conference room, information distribution, etc.

Features

- Long range HDMI (Video / Audio) signal transmission up to 500 meters over Coaxial cable.
- Support Max. 1920x1080P 60fps Full HD resolution.
- 2.0CH Audio (LPCM)
- Support Max. 80 Channel frequency band (140~950Mhz).
- Anti-interference and error correction function by adopting digital TV communication protocol.
- Easy installation and channel setting by DIP switch.

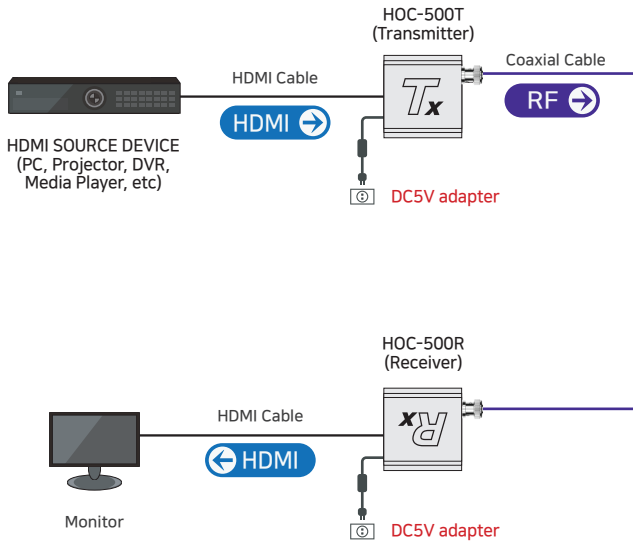
Installation Guide

1. Connect RF OUT BNC Port of HOC-500T to RF IN BNC Port with coaxial cable.
2. Connect HDMI output port of the HDMI Source device to HDMI IN port of the HOC-500T using HDMI Cable.
3. Connect HDMI Input port of the display to HDMI OUT port of HOC-500R using HDMI Cable.
4. Set the Channel ID of the HOC-500T and HOC-500R to the same using DIP Switch.
5. Supply power to the HOC-500T and HOC-500R with DC5V adapter.
6. If the image is not displayed properly, reset the DIP switch according to the installation guide.

LED Indicators

Indicator	Color	HOC-500T (Transmitter)	HOC-500R (Receiver)
POWER	●	Power Input	Power Input
HDMI IN HDMI OUT	●	HDMI Input	HDMI Output

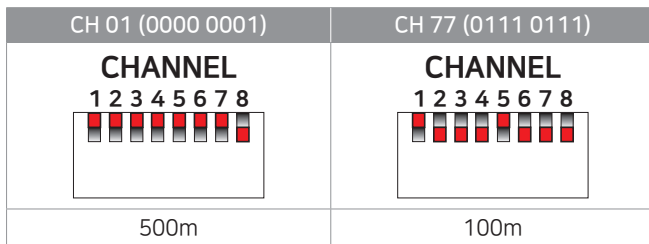
Applications



Caution

- Please install the device following the installation guide.
- Do not touch the device and cable with wet hands.
- Keep away from moisture and shock.
- Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus that produce heat.
- Indoor use only.
- Do not use for other purposes.
(i. e. Connecting analog camera to BNC connector)
- Do not disassemble or modify this device.
- Do not put any sticker or paint on it.
- If this device is defective or malfunctioning, please unplug the power adapter immediately and contact dealer or service center.
- This device should be used with the rated power supply.
- ➔ Connect DC power to the device first and then to AC outlet.

DIP Switch Setting



RF Frequency and Recommended Transmission Distance by Channel ID

Channel ID	Switch Setting (12345678)	Frequency (MHz)	Meter
1	0000 0001	142.5	400 ~ 500
2	0000 0010	149.5	
3	0000 0011	156.5	
4	0000 0100	163.5	
5	0000 0101	177.5	
6	0000 0110	184.5	
7	0000 0111	191.5	
8	0000 1000	198.5	
9	0000 1001	205.5	
10	0001 0000	212.5	
11	0001 0001	219.5	200 ~ 400
12	0001 0010	226.5	
13	0001 0011	410	
14	0001 0100	418	
15	0001 0101	426	
16	0001 0110	434	
17	0001 0111	442	
18	0001 1000	450	
19	0001 1001	458	
20	0010 0000	466	
21	0010 0001	474	100 ~ 200
22	0010 0010	482	
23	0010 0011	490	
24	0010 0100	498	
25	0010 0101	506	
26	0010 0110	514	
27	0010 0111	522	
28	0010 1000	530	
29	0010 1001	538	
30	0011 0000	546	
31	0011 0001	554	less then 100
32	0011 0010	562	
33	0011 0011	570	
34	0011 0100	578	
35	0011 0101	586	
36	0011 0110	594	
37	0011 0111	602	
38	0011 1000	610	
39	0011 1001	618	
40	0100 0000	626	
41	0100 0001	634	100 ~ 200
42	0100 0010	642	
43	0100 0011	650	
44	0100 0100	658	
45	0100 0101	666	
46	0100 0110	674	
47	0100 0111	682	
48	0100 1000	690	
49	0100 1001	698	
50	0101 0000	706	
51	0101 0001	714	100 ~ 200
52	0101 0010	722	
53	0101 0011	730	
54	0101 0100	738	
55	0101 0101	746	
56	0101 0110	754	
57	0101 0111	762	
58	0101 1000	770	
59	0101 1001	778	
60	0110 0000	786	
61	0110 0001	794	less then 100
62	0110 0010	802	
63	0110 0011	810	
64	0110 0100	818	
65	0110 0101	826	
66	0110 0110	834	
67	0110 0111	842	
68	0110 1000	850	
69	0110 1001	858	
70	0111 0000	866	
71	0111 0001	874	less then 100
72	0111 0010	882	
73	0111 0011	890	
74	0111 0100	898	
75	0111 0101	906	
76	0111 0110	914	
77	0111 0111	922	
78	0111 1000	930	
79	0111 1001	938	
80	1000 0000	946	

Warranty

- This device has passed the quality control and product inspection.
- Please install and use according to the installation guide.
- The warranty period for this product is 24 months from the date of purchase.
- If this device is defective or malfunctioning, please unplug the power adapter immediately and contact dealer or service center.
- Any damages or breakage from user's abuse, accident, modification or natural disasters will not be covered manufacturer's warranty.



Please visit below website for more detailed information.

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This device complies with part 15 of the fcc rules. 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