

ZWD-2500

HD Wireless Video Transmission Solution



ZWD-2500T
(HD Wireless Video Transmitter)

ZWD-2500R
(HD Wireless Video Receiver)

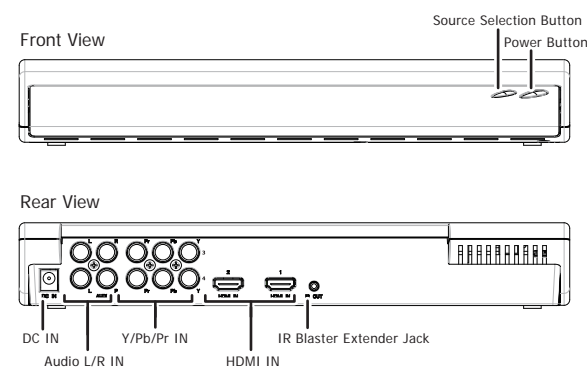
Bring uncompressed 1080P True Cinema video content to your HDTV wirelessly!



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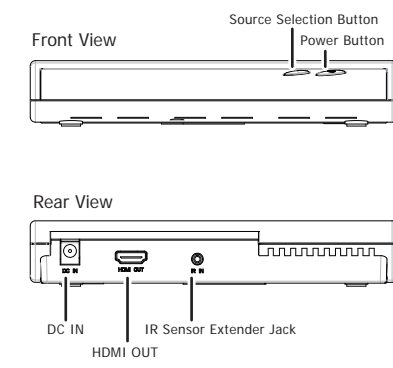
ZWD-2500T

HD Wireless Video Transmitter

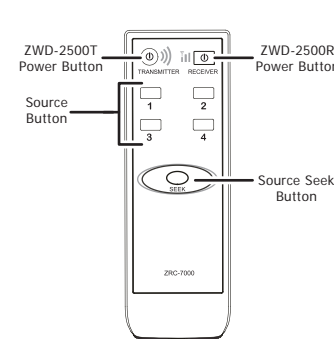


ZWD-2500R

HD Wireless Video Receiver



RCU



General Specifications

Supported Video Resolution	Consumer Timing	1080p @ 24/30 fps, 1080i, 720p, 576p, 576i, 480p, 480i
	VESA Timing	XGA: 1024* 768, SVGA: 800* 600 , VGA: 640* 480
Supported Audio Formats	Analog Audio	48KHz and 24-bit Per Sample
	Digital Audio	up to 3.072 Mbps AC-3 and DTS
Transmission Range		LOS (line of sight): Maximum 70 feet (20 meter), depends on specific environment. NLOS (non LOS): 35 feet (10 meter).
System Latency		Less than 1 ms
Antenna		Omnidirectional High Performance Internal Antennas
Operating Frequencies		4.9 ~ 5.9 GHz (non-DFS Frequency Bands) for US, EU, JP, TW
Supported IR Blasting Frequency		38 KHz
Power Supply		100 ~ 240V AC in, 5V/3A DC out Power Adaptor
Operating Temperature		0 ~ 40°C
Regulations		FCC, CE, TELEC, NCC

Interfaces

		ZWD-2500T HD Wireless Video Transmitter	ZWD-2500R HD Wireless Video Receiver
A/V Interfaces	Component Input	Two Sets of RCA Connectors	-
	Analog Audio L/R Input	Two Sets of RCA Connectors	-
	HDMI Input	Two (Type A)	-
	HDMI Output	-	One (Type A)
Control Signal Interfaces	IR Sensor	YES	YES
	IR Sensor Extender	-	2.5 mm Jack
	IR Blaster Extender	2.5 mm Jack	-
Power	Power Input	5V DC Jack	5V DC Jack
Switches	Front Power Switch	YES (One Tack Switch)	YES (One Tack Switch)
	Source Selection Switch	YES (One Tack Switch)	YES (One Tack Switch)
LEDs	Status LED	1* LED (Two-Tone: Blue & Red)	1* LED (Two-Tone: Blue & Red)
	Source LED	4* Blue LEDs	4* Blue LEDs
	Unrecognized Video Format	Blinks in blue if Video is Unrecognized	Blinks in blue if Video is Unrecognized
	Signal Strength Status	-	3* LEDs
Dimensions		295(W)* 149(L)* 45.5(H) mm	180(W)* 140(L)* 39(H) mm

* Specifications are subject to change without notice.

Accessories

- A pair of 100~240V AC in, 5V DC out Power Adaptors
- HDMI Cable (1m)
- Remote Control Unit w/ Battery

- Quick Start Guide
- User's Manual
- IR Sensor Extender Cable
- IR Blaster Extender Cable



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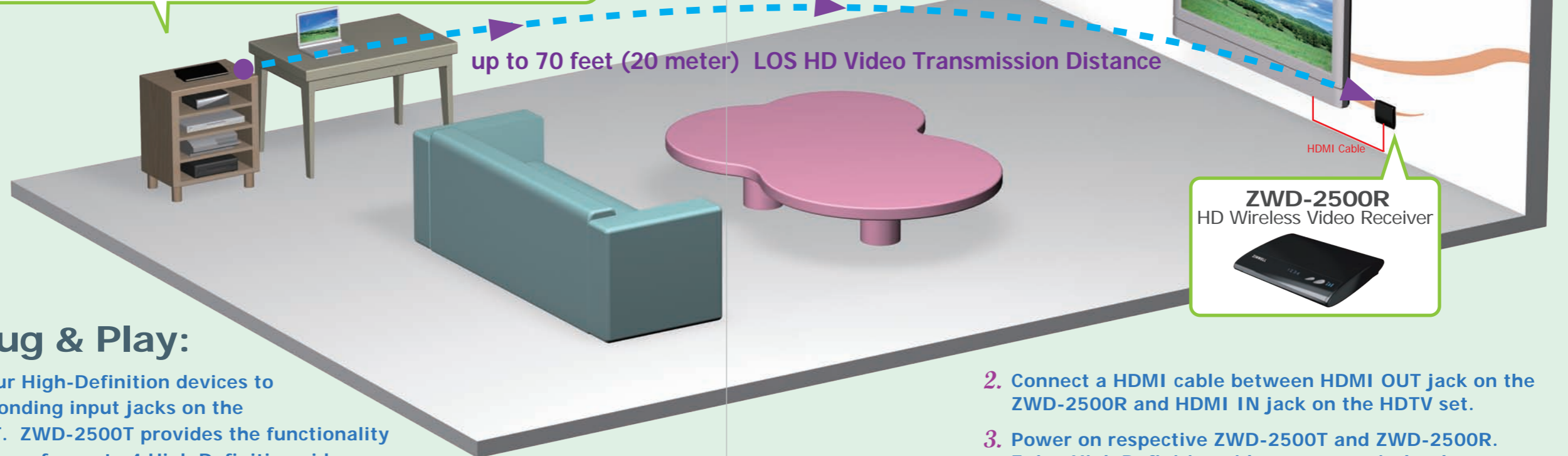
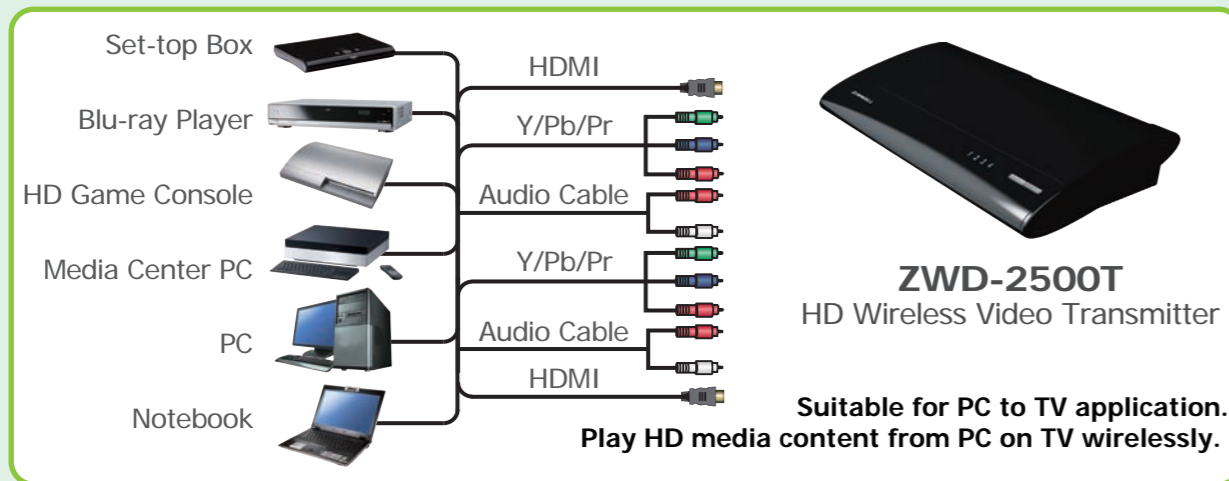
HD Wireless Video Transmission Solution



Features:

- **Omnidirectional Antenna System for Maximum 70 feet (20 meter) LOS HD Video Transmission Distance**
 - ▶ High Performance and Small Form Factor internal antennas are Employed
- **Up to 1080p@24fps/30fps, 1080i@60fps Picture Quality**
- **No Latency for Playing High Definition Video Game Console**
- **256-bit AES Encryption for Securing Video Transmission over Wireless**
- **IR Blasting**
- **Auto Set-up, Plug & Play** ▶ Operates on the NON-DFS (Dynamic Frequency Selection) frequencies with Automatic Frequency Selection, the system will automatically change frequency in case of interference with another RF system.
- **EDID/ E-DDC 1.1**
- **Support HDMI 1.3**
- **Support CEC**

Application Diagram



✧ This HD wireless solution can also be applied to HD Projector

Easy Plug & Play:

1. Connect your High-Definition devices to the corresponding input jacks on the ZWD-2500T. ZWD-2500T provides the functionality as the gateway for up to 4 High Definition video sources.

2. Connect a HDMI cable between HDMI OUT jack on the ZWD-2500R and HDMI IN jack on the HDTV set.

3. Power on respective ZWD-2500T and ZWD-2500R. Enjoy High Definition video content wirelessly.