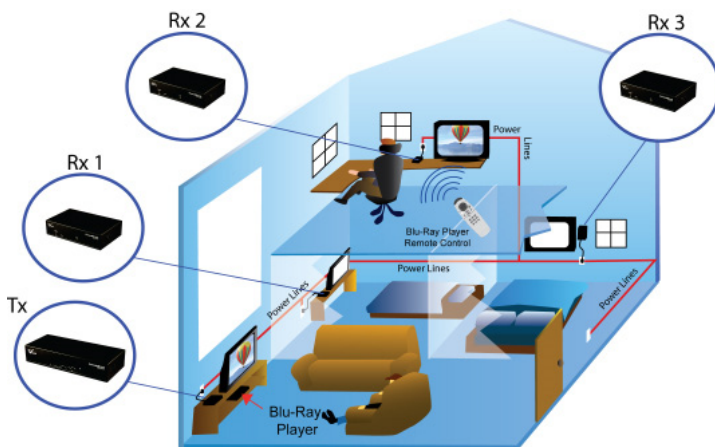


STREAM HDTV AROUND YOUR HOUSE USING EXISTING POWER SOCKETS

The HDJuiceBox allows you to transmit HD Video anywhere in your home using existing power cables; saving you the hassles of rewiring. This system consists of a receiver and a transmitter that deliver H.264 HD video and audio from Set Top Boxes, Blu-ray™ disc players, video game consoles etc. to compatible HDTV displays located near power sockets or Ethernet access. The HDJuiceBox receiver is easily connected to your HDTV via component and HDMI™ cable while your A/V equipment is connected directly to the transmitter.

Features

- H.264 compression technology
- Incorporates HDMI™ technology
- Supports up to 1920 x 1080 @60i/50i/23.98p/24p resolution
- Incorporates HomePlug-AV PLC technology with 200 Mbps PHY rate
- Supports optimal QoS for video streaming
- One Tx works with multiple Rxs simultaneously
- Supports video source remote control
- Back channel to support remote IR control for original video player
- Supports HDMI™ video interfaces
- Supports Power-line Ethernet Bridge function



Specifications

Transmitter & Receiver Video Resolution

- 1920x1080 @ 59.94i/60i/50i
- 1920x1080 @ 23.98p/24p
- 1280x720 @ 59.94p/60p/50p
- 720x576 @ 50p/50i
- 720x480 @ 59.94p/60p/59.94i

Transmitter & Receiver Audio

- Resolution: 16 bits
- Sampling rate: 48kHz

Transmitter Input/Output

- AC power connector x1
- HDMI Input connector x3
- HDMI Output connector x1
- IR Blaster x3 (Terminal)
- Ethernet RJ-45 port x1



- YPbPr x1, S-Video x1, CVBS x1, RCA Stereo Audio x2

Receiver Input/Output

- AC Power connector x1
- HDMI output connector x1
- IR sensor x2 (for different carriers)
- Ethernet RJ-45 port x1



- YPbPr x1, CVBS x1, RCA Stereo Audio x1

System

- Video compression is H.264 Level 4
- Audio compression is MP2
- Incorporates HDMI™ and HDCP technologies
- Transmission PLC supports HomePlug-AV up to 200 Mbps
- Transmission distance is up to 300 feet for normal applications
- Video streaming supports one Tx to multiple Rxs
- QoS is proprietary network bandwidth management
- Supports Power Line Ethernet Bridge function

Other

- Power input supports 100 to 240V AC with 50/60 Hz
- System power consumption in normal operation: Tx 12W, Rx 8W
- Operating temperatures are from 10 to 55 °C
- Storage temperatures are from -20 to 80 °C

Product	Tx model number	Rx model number	PLC Bridge	Max. Rx
HDJuiceBox	PHDL-6985H	PHDL-6986H	Yes	4