



## KW-14

Wireless HD Transmitter & Receiver

| HDMI | HDCP Compliant



The KW-14T and KW-14R are a high-definition, wireless, HDMI transmitter/receiver pair for indoor use. Up to four KW-14R receivers can receive from one KW-14T transmitter and up to three KW-14T transmitters can be paired with one KW-14R receiver. The KW-14T and KW-14R pair comes pre-associated

## FEATURES

**Max. Data Rate** - 6.75Gbps (2.25Gbps per graphic channel), Deep Color up to 12-bit

**Secure Link** - Uses AES-128 bit encryption

**Connection Capacity** - Up to four receivers can receive from one transmitter simultaneously; up to three transmitters associated with one receiver at any given time

**Transmission Range** - Up to 30m (100ft) including through walls and furniture

**Automatic Frequency Selection** - Selects the most suitable frequencies to prevent RF interference

**Auto EDID Adjustment** - To allow multi-screen support

**IR Remote Control** - Enables the OSD menu to be displayed on the output display

**OSD (On Screen Display)** - For simplified setup and configuration

**HDCP Compliant** - HDCP sources are supported only when all connected displays support HDCP

**Zero Latency**

**Automatic Sleep Mode** - After three minutes when no input or link is detected

**CEC Support**



# KRAMER

## TECHNICAL SPECIFICATIONS

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INPUT:	1 HDMI connector (KW-14T), internal antenna (KW-14R)
OUTPUT:	1 IR on a 3.5mm mini jack, internal antenna (KW-14T), 1 HDMI connector (KW-14R)
VIDEO RESOLUTION:	Up to 1080p @60Hz; 8, 10, or 12-bit color depth and VESA up to 1920 x 1080 @60Hz
FORMATS:	RGB and YCbCr digital video
MAXIMUM DATA RATE:	6.75Gbps (2.25Gbps per channel)
MAXIMUM PIXEL CLOCK:	148.5MHz
AUDIO FORMATS:	PCM, Dolby Digital 2/0, Dolby Digital 2/0 Surround, Dolby Digital 5.1, Dolby Digital Surround EX, DTS 2-channel, DTS Digital Surround 5.1, DTS 96/24
AUDIO RATE:	Digital audio from the HDMI input up to 6Mbps
RF COMMUNICATION FREQUENCY:	5.19 to 5.795GHz (In Japan operation is limited to the lower bands 5.15 to 5.25GHz, in Israel operation is limited to 5.15 to 5.35GHz)
TRANSMISSION POWER:	<18dBm conducted (KW-14T), <12dBm per channel conducted (KW-14R)
RECEIVING SENSITIVITY:	-75dBm (KW-14T), -65dBm (KW-14R)
SYSTEM LATENCY:	<1ms
STANDARDS:	HDMI with Deep Color, x.v.Color™, 3D, CEC; HDCP 2.0—works with sources that support HDCP repeater mode, DVI 1.0
RF COMMUNICATION FREQUENCY:	5.19 to 5.795GHz (In Japan and Israel operation is limited to the lower bands; 5.15 to 5.25GHz)
UNOBSTRUCTED TRANSMISSION RANGE:	30m (100ft) (KW-14T), 30m (100ft) (KW-14R)
POWER CONSUMPTION:	5V DC 1A (KW-14T), 5V DC 1.2A (KW-14R)
OPERATING TEMPERATURE:	0° to +40°C (32° to 104°F)
STORAGE TEMPERATURE:	-40° to +70°C (-40° to 158°F)
HUMIDITY:	10% to 90%, RHL non-condensing
COOLING:	Convection, vented
ENCLOSURE TYPE:	Plastic
ENVIRONMENTAL REGULATORY COMPLIANCE:	Complies with appropriate requirements of RoHS and WEEE
VIBRATION:	ISTA 1A in carton (International Safe Transit Association)
COMPLIANCE STANDARDS:	CE, c-UL, UL
EMMISSION STANDARDS:	CE, C-tick, FCC Class B, ICES, VCCI, KC
INCLUDED	Power supply 5V, 2 HDMI cables 0.9m (2.95ft) PN 2518-0101003, 1 IR Emitter

