



## KW-14

Expandable Wireless HD Transmitter & Receiver



Forhandler:  
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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.**

## TECHNICAL SPECIFICATIONS

|                                      |   |
|--------------------------------------|---|
| 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.  |
| DIMENSIONS:                          | 8.0cm x 10.2cm x 3.6cm (3.15" x 4.02" x 1.42") W, D, H (KW-14T), 9.5cm x 9.5cm x 3.4cm (3.74" x 3.747" x 1.34") W, D, H (KW-14R).                     |
| WEIGHT:                              | 0.1 kg (0.22lbs) approx. each.  |
| SHIPPING WEIGHT:                     | 0.45kg (1.0lbs) approx.   |
| 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.   |
| EMISSION STANDARDS:                  | CE, C-tick, FCC Class B, ICES, VCCI, KC.  |
| INCLUDED ACCESSORIES:                | Power supply 5V, 2 HDMI cables 0.9m (2.95ft) PN 2518-0101003, 1 IR Emitter cable PN 3300-500135.  |

**Forhandler:**

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