



# kramer

## 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



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## 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 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; HDCP 2.0—works with sources that support HDCP repeater mode, DVI 1.0                                           |
| 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                                                                           |

ACCESSORIES: cable PN 3300-500135

Product Dimensions 9.50cm x 9.50cm x 3.40cm (3.74" x 3.74" x 1.34" ) W, D, H

Product Weight 0.3kg (0.6lbs) approx

Shipping Dimensions 35.10cm x 21.20cm x 7.20cm (13.82" x 8.35" x 2.83" ) W, D, H

Shipping Weight 1.5kg (3.3lbs) approx

