

FREQUENCY-AGILE ON-CAMERA UHF WIRELESS SYSTEMS

- 305UPR** Single-Channel Receiver
- 325UPR** Dual-Channel Receiver
- 35BT** Body-pack Transmitter
- 35XT** Plug-in Transmitter
- 35HT** Handheld Microphone/Transmitter



SYSTEM FEATURES

- Discrete 2-Channel Camera-Mount UHF receiver (325UPR)
- 188 User-Selectable UHF Frequencies (566.125-589.875 MHz)
- New, Pivoting High-Gain Antenna
- Digital LCD Display w/Multifunction Readout
 - Mini-Jack Out w/Supplied Mini and XLR Cables
 - Headphone Output on Receiver
 - Attached/Removable Shoe-Mount
 - Powered by 2 "AA" Batteries (not included)

-305-325-

305-325 SERIES

Specifications*

Overall System

Operating Range	200-300 feet
Operating Frequency	UHF band, 566.125 MHz to 589.875 MHz
Number of Channels	188 User-selectable
Modulation Mode	FM
Oscillator	Phase Lock Loop synthesizer
Display	LCD
Operating Temp. Range	-10° C to +50° C (-50° F to +122° F)

325UPR Dual-Channel Receiver

Frequency Response	50 Hz - 15 kHz
RF Squelch level	-95 dBm
Adjacent Channel Selectivity	≥ 67 dBm
Intermodulation	≥ 62 dBm
Noise Reduction	Expander (TOKO)
Audio Output (unbalanced)	-64 dBm - 600 Ω @ ± 5 kHz Deviation -28 dBm - 600 Ω @ ± 40 kHz Deviation
S/N Ratio	57 dB (± 5 kHz) "A" Weighted
Phone Out	3.5 mm - 30 Ω
Power Requirement	2 "AA" Batteries (Alkaline or NiMH) 3-4 hours runtime
Output Impedance	1.5 k Ω
External Power/Charger	6VDC @ 0.5A
Dimensions	73W x 113H x 40.5D mm 2.87W x 4.45H x 1.59D inches
Weight	≈290 g (10.2 oz) w/batteries

305UPR Single-Channel Receiver

Frequency Response	50Hz - 15 kHz
RF Squelch level	-95 dBm
Adjacent Channel Selectivity	≥ 67 dBm
Intermodulation	≥ 62 dBm
Noise Reduction	Expander (TOKO)
Audio Output (balanced)	-58 dBm - 600 Ω @ ± 5 kHz Deviation -22 dBm - 600 Ω @ ± 40 kHz Deviation
Output Impedance	1 k Ohms
S/N Ratio	57 dB (± 5 kHz) "A" Weighted
Phone Out	3.5 mm - 30 Ω
Power Requirement	2 "AA" Batteries (Alkaline or NiMH) 6-8 hours runtime
Output Impedance	1 k Ohms
Dimensions	63W x 98H x 28.5D mm 2.48W x 3.86H x 1.12D inches
Weight	≈190 g (6.7 oz) w/batteries

35BT Belt-pack Transmitter

RF Power	25 mW
Antenna	¼ wavelength
Frequency Response	50 Hz - 15 kHz
Reference Deviation	± 5 kHz (-60 dBm - 1 kHz input) ± 40 kHz max deviation
Noise Reduction	Compander (TOKO)
Power Requirement	2 "AA" Batteries (Alkaline) 6-8 hours runtime
Dimensions	63W x 98H x 28.5D mm 2.48W x 3.86H x 1.12D inches
Weight	≈170 g (6.0 oz) w/batteries
Supplied Mic	Clip-on ECM Lavalier

35HT Handheld Transmitter

RF Power	25 mW
Antenna	¼ wavelength (internal)
Frequency Response	50 Hz - 15 kHz
Reference Deviation	± 5 kHz (-62 dBm - 1 kHz input) ± 40 kHz max deviation
Noise Reduction	Compander (TOKO)
Mic Element	Dynamic
Power Requirement	2 "AA" Batteries (Alkaline) 6-8 hours runtime
Dimensions	234.5H x 48D mm 9.2H x 1.89D inches
Weight	≈270 g (9.5 oz) w/batteries

35XT Plug-in Transmitter

RF Power	25 mW
Antenna	¼ wavelength (internal)
Frequency Response	50 Hz - 15 kHz
Reference Deviation	± 5 kHz (-60 dBm - 1 kHz input) ± 40 kHz Maximum
Noise Reduction	Compander (TOKO)
Power Requirement	2 "AA" Batteries (Alkaline) 6-8 hour runtime
Dimensions	40W x 114H x 40D mm 1.57W x 4.49H x 1.57D inches
Weight	≈180 g (6.35 oz) w/batteries

* Due to constant improvements, specifications are subject to change without notice.

Available Single-Channel systems:

305ULH {305UPR + 35BT w/Lav mic + 35HT}
305ULX {305UPR + 35BT w/Lav mic + 35XT}
305LT {305UPR + 35BT w/Lav mic}
305HT {305UPR + 35HT}
305XT {305UPR + 35XT}

Available Dual-Channel systems:

325ULT {325UPR + 2-35BT w/Lav mics}
325ULH {325UPR w/1-35HT + 1-35BT w/Lav mic}
325ULX {325UPR w/1-35XT + 1-35BT w/Lav mic}

