

WM-5225 / WM-5265 / WM-5325 / WT-5800 / WTU-4800

WM-5225

Wireless Microphone (Handheld)

UHF Wireless hand microphone with high sensitivity for voice communications. Stylish enclosure with rubberized surface for secure fit, switch and power indicator on the shaft for intuitively correct operation, rolling stop mechanism prevents the rolling away of the discarded microphone compander system for high system dynamics and low noise, frequency selection out of 64 channels, up to 16 inter modulation free frequencies for simultaneous interference-free transmission of several wireless microphones, electret microphone capsule with a cardioid pickup pattern and high sensitivity for clear sound, frequency response for good speech intelligibility designed, integrated antenna, Battery condition monitoring with timely indication of necessary battery led display and transmission of battery status to receivers, characteristic signal system to avoid interference when transmitter is switched off in difficult environments. Extremely stable and precise frequency transmitter quartz stabilized PLL synthesizer. Communication port for PC to change the carrier frequencies adjustable on the transmitter. More than 10 hours of operation with a 1, 5V alkaline AA battery or 13 hours with the optional rechargeable battery WB-2000. Rechargeable in optional charger without battery removal. Travel bag, Tripod bracket and screw driver for the frequency setting in the scope of delivery.

Transmission frequency range: 576 MHz - 937.5 MHz (UHF)
Channel Selectable: < 64 channels
Simultaneous channel: < 16 channels
Transmitter power: < 50 mW
maximum SPL: 126 dB SPL
Characteristic frequency: 32.768 kHz
Battery: 1 x 1, 5V AA battery
Operating time with battery: more than 10 hours (alkaline)
Dimensions (W x H x L): 43.6 x 231,5 mm (1.72" x 9.11")
Weight: 180 g (0.4 lbs.) (incl. battery)
Colour: dark grey

Manufacturer: TOA
Model: WM-5225

WM-5265

Wireless Microphone (Handheld)

Professional UHF Wireless hand microphone for vocals and stage, dynamic microphone with cardioid polar pattern for high sound pressure levels, frequency response designed for good reproduction. Compander system for high system dynamics and low noise. Streamlined, lightweight case with rubberized surface for secure grip and noise, switch and power indicator on the shaft for intuitively correct operation, rolling stop mechanism prevents rolling away from microphone, wind / Poppschutzkorb, battery condition monitoring

with timely reference to necessary battery led on the transmitter. Transfer the status of the battery on receiver, frequency selection out of 64 channels, up to 16 inter modulation free frequencies for simultaneous interference-free transmission of several wireless microphones, built-in antenna, characteristic signal system to avoid interference when transmitter is switched off in hochfrequenztechnisch difficult environments, extremely stable and precise frequency transmitter PLL synthesizer. Communication port for PC to change the carrier frequencies adjustable on the transmitter. More than 10 hours of operation with a 1, 5V alkaline AA battery or 13 hours with the optional rechargeable battery WB-2000. Rechargeable in optional charger without battery removal. Carrying bag, Tripod bracket (3/8 inch) and screwdriver to set the frequency in the scope of delivery.

Transmission frequency range: 576 MHz - 937.5 MHz (UHF)
Channel Selectable: < 64 channels
Simultaneous channel: < 16 channels
Transmitter power: < 50 mW
maximum SPL: 132 dB SPL
Characteristic frequency: 32.768 kHz
Battery: 1 x 1, 5V AA battery
Operating time with battery: more than 10 hours (alkaline)
Dimensions (W x H x L): 48 x 244 mm
Weight: 205 g (incl. battery)
Color: black

Manufacturer: TOA
Model: WM-5265

WM-5325

Wireless Transmitter

UHF Bodypack Transmitter with integrated antenna. Flat casing, switch and power indicator at the top clearly visible and accessible installed. Adjustable microphone sensitivity. Frequency selection out of 64 channels, up to 16 inter modulation free frequencies for simultaneous interference-free transmission of several wireless microphones. Battery condition monitoring with timely reference to necessary battery led on the transmitter and transfer the receiver battery status. Identification signal system to avoid interference when transmitter is switched off in hochfrequenz-technisch difficult environments. Extremely stable and precise frequency transmitter through quartz stabilized PLL synthesizer. Communication port for PC to change the carrier frequencies adjustable on the transmitter. More than 10 hours of operation with a 1, 5V alkaline AA battery or 13 hours with the optional rechargeable battery WB-2000. Rechargeable in optional charger without battery removal. Carrying case, neck strap and screwdriver to set the frequency in the scope of delivery.

Transmission frequency range: 576 MHz - 937.5 MHz (UHF)
Channel selectable: < 64
Simultaneous channels: < 16
Transmitter power: < 50 mW
Characteristic frequency: 32.768 kHz
Battery: 1 x 1, 5V AA battery
Dimensions (W x H x D): 62 x 102.5 x 23 mm (2.44" x 4.04" x 0.91")
Weight: 90 g (0.2 lbs) (incl. battery)

Color: black

Manufacturer: TOA

Model: WM-5325

WT-5800

UHF Wireless Tuner

The wireless receiver shall have 64 selectable channels and a built-in scanner function to scan the RF environment and indicate available channels. The receiving method shall be double super-heterodyne using signal strength-comparative antenna switching diversity. Specifications shall include a S/N ratio of greater than 110 dB (A-weighted), harmonic distortion of less than 1% and frequency response of 100 - 15k Hz, +/-3 dB. The receiving sensitivity shall be greater than 90 dB with 20 dBµV input and 40k Hz deviation. Squelch types shall be carrier, noise and tone key with a variable squelch sensitivity of 18 - 40 dBµV and a 32.768k Hz tone key frequency. The receiver shall have two antenna inputs, each with BNC-type connectors, 75 ohm impedance and 9 VDC, 30 mA, available for remote antennas. The unit shall also have two antenna outputs, with BNC-type connectors, 75 ohm impedance, and 0 dB gain, to provide antenna distribution to a maximum of two additional receivers. The audio outputs shall be balanced type with XLR-M jack and sensitivity of -60 dB / 1 mV, and unbalanced type with 1/4" phone jack and sensitivity of -20 dB / 100 mV, both with an output impedance of 600 ohms. A Mix Input, unbalanced type with 1/4" phone jack with an input impedance of 10k ohms and sensitivity of -20 dBV / 100 mV shall allow the connection of the output of a second receiver or other audio source to be mixed with the main receiver output signal. The front panel shall include an LCD for RF and AF monitoring as well as frequency setting and scanner functions. Front panel LED's shall include antenna A / B reception status, low battery indication, and an AF peak indicator that lights at 3 dB below clipping. Front panel controls shall include Up, Down, and Set keys for menu navigation as well as Power and Volume. The wireless receiver shall be powered from the AC mains using a supplied AC-DC adapter with a power consumption of 250 mA (12 VDC). The unit shall operate within a temperature range of -10° C to +50° C (+14° F to +122° F). Unit construction shall be black resin with dimensions (W x H x D) of 210 x 44.6 x 205 mm (8.27" x 1.76" x 8.1") and weight of 700 g (1.54 lbs.). Included accessories shall be two whip antennas and an external AC-DC adapter. Up to two units shall be rack-mountable in one standard 19" rack height with an optional rack-mount kit. The wireless receiver shall be the TOA model WT-5800.

WTU-4800

UHF Wireless Tuner Unit

Wireless tuner module shall be designed to be used in conjunction with UHF wireless equipment for vocal or speech reinforcement applications. Its built-in circuit shall minimize the influence of ambient noise.

Receiving Frequency: 576 - 865 MHz (UHF)

Receiving System: Double super-heterodyne

Receiving Sensitivity: 80 dB or more, Signal to Noise Ratio (20 dBµV input, 40 kHz deviation)

Antenna Input Impedance: 75 ohm
Diversity System: Space diversity
Channel Selectable: 16 channels
Squelch System: Noise Squelch
Squelch Sensitivity: 17 dB μ V
Output level: 0 dBV
Total harmonic distortion: 1% or less
Frequency Response: 100 Hz to 12 kHz, -/+ 3 dB
Working temperature range: -10 $^{\circ}$ C to + 50 $^{\circ}$ C (14 $^{\circ}$ F to 122 $^{\circ}$ F)
Dimensions: 60 x 25 x 139 mm (2.36" x 0.98" x 5.47")
Weight: 130 g (0.29 lbs.)

Manufacturer: TOA
Model: WTU-4800