

WM-D5200 -H1

DIGITAL WIRELESS MICROPHONE



The WM-D5200 is a digital wireless microphone employing a condenser microphone element that features high sensitivity and clear sound quality. The microphone is specially designed to be used in conjunction with TOA's WT-D5800 digital wireless receiver.

Key features

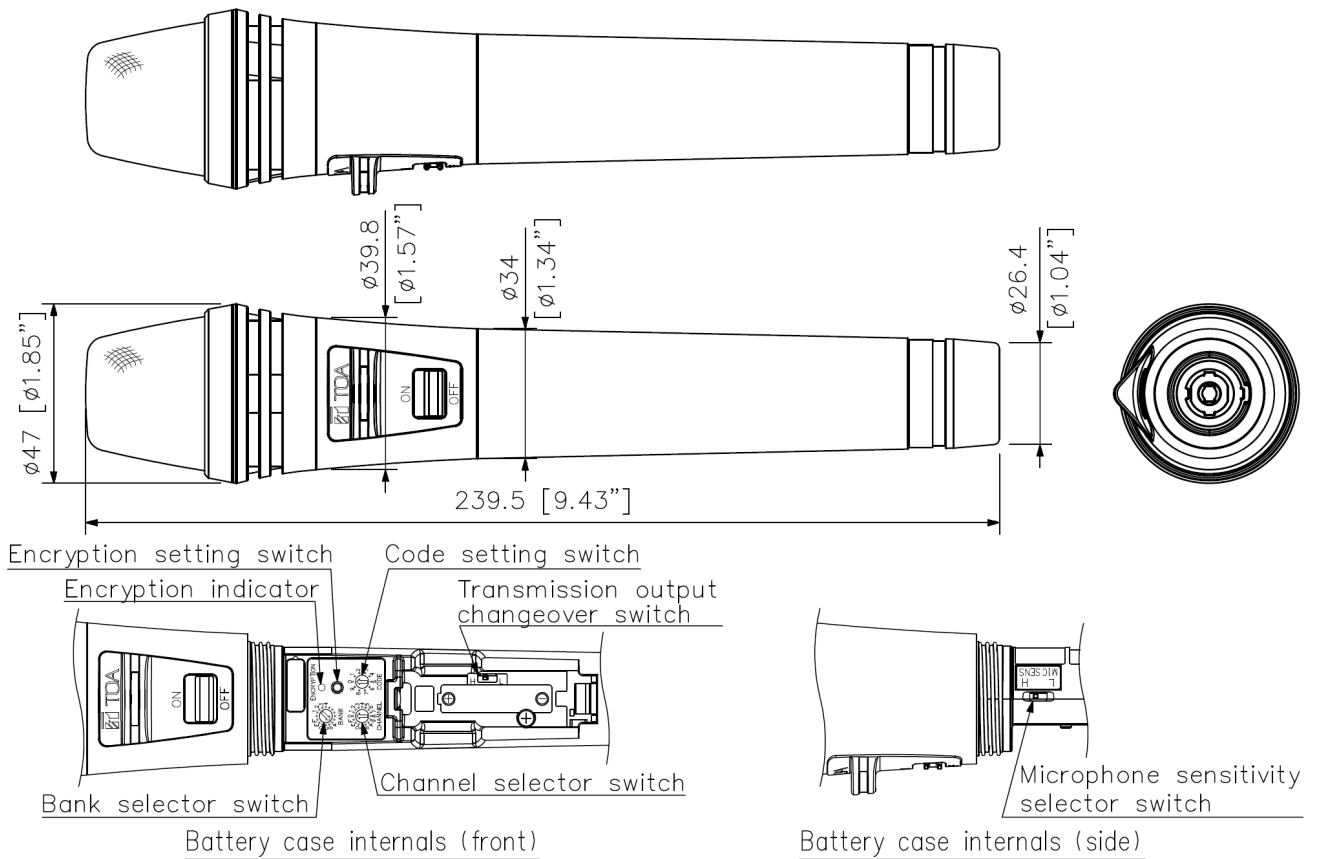
- Lightweight body
- 1 AA battery provides up to 8 h of continuous use
- Selectable microphone sensitivity
- Selectable transmission output (1 mW/10 mW)
- 3-step battery life indicator
- Built-in antenna

Specifications

Microphone Element	Electret condenser unit: Unidirectional
Modulation	FSK
Frequency Range	576 - 606 MHz
Channel Selection	160 channels(The number of channels may differ from country to country.)
RF Carrier Power	Less than 50 mW
Maximum Input Level	132 dB SPL (Sensitivity: L)/122 dB SPL (Sensitivity: H)
Audio Frequency Response	100 Hz – 12 kHz
Dynamic Range	Typ. 90 dB (when used with WT-D5800)
ID Selection	10 patterns
Battery	WB-2000 rechargeable battery (option) or AA Alkaline dry cell battery
Battery Life	Approx. 8 hours
Antenna	Built-in type
Operating Temperature	-10 °C to +50 °C (14 °F to 122 °F) (except battery)
Operating Humidity	30 to 85 %RH (no condensation)
Finish	Body: ABS resin, black, coatingHead: steel, black, paint
Dimensions	ø47 × 239.5 mm (ø1.85" × 9.43")
Weight	220 g (0.49 lb) (with battery)
Included Accessories	Storage Case x 1, Screw driver (for setting) x 1, Microphone holder W3/8 (stand adapter W5/8" >> W3/8") x 1
Optional Accessories	Battery charger: BC-2000 or BC-2000A Ni-MH battery: WB-2000-2 (containing 2 pieces)

Note: The WM-D5200 cannot communicate with the TRANTEC Wireless System (S4 and S5 Series).
The WM-D5200 cannot communicate with the TOA Analog Wireless System (WT=5800, WT-5805 and WT-5810, etc.).

Dimensions



UNIT:mm

A&E specifications

The digital handheld wireless microphone shall operate in the UHF band between 576 MHz - 606 MHz using the digital true diversity principle to improve reception allowing up to 32 channels of simultaneous broadcast.

The microphone shall utilise a condenser type element with an audio bandwidth of between 100 Hz - 12 kHz and power transmission shall not exceed 50 milliwatts. An internal antenna shall be concealed within the body.

The microphone shall be able to continually operate up to 8 hours on a single AA battery or a dedicated rechargeable battery. There shall be contacts at the base of the unit that will allow easy recharging of the internal rechargeable battery by using a dedicated charger.

The microphone shall have a battery tri-colour status indicator lamp that illuminates from green to orange as battery consumption progresses and then finally red. Battery status will also be transmitted to the receiver.

The microphone shall have an ON/OFF switch that is easily accessible on the exterior of the microphone and by simply twisting and pulling down the handgrip reveals additional functions as follows: bank selection, channel selector, microphone sensitivity selector, encryption setting switch with status indicator, code setting control that prevents interference between channels sharing the same frequency (code setting is effective when the encryption function is not set).

The finished body shall be black coated ABS resin with a steel black head capsule measuring overall $\varnothing 47 \times 239.5$ mm ($\varnothing 1.85" \times 9.43"$) and weighing 220 g (0.49 lb.) (with battery).

Associated products: WT-D5800 digital wireless receiver. WM-D5300 digital wireless transmitter manufactured by TOA Corporation

Optional extras: BC-2000 or BC-2000A battery charger. WB-2000-2 rechargeable battery (pair) manufactured by TOA Corporation.

Manufacturer: TOA Corporation

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