



**WM-5420**

**Wireless Microphone**  
(Press-Talk type)



Curvy enough to fit your hand's contour,  
Tough enough to withstand rough handling,  
Flexible enough to use as handheld or hands-free.



## WM-5420 Wireless Microphone

WM-5420 was designed to suit tough usage conditions such as stations and retail store. Its "round shape" and "handling hook" ensure not to be dropped easily. In addition, if in case of dropped, shock absorbent structure will protect internal circuit from physical damage. Over 200 thousands of endurance test shows its mechanical durability.

### Features

#### ➤ ROUND SHAPE and HANDLING HOOK

Round shape fitting for human hand and Handling hook prevents it from being dropped and these features also make it easy for users to retrieve it from the pocket.

#### ➤ HANDS FREE CLIP

WM-5420 can be hold on the chest pocket with accessory clip. This can prevent dropping during hands free broad cast.

#### ➤ SHOCK ABSORBENT STRUCTURE

In case of involuntary drop, flouting structure prevent internal circuit from physical damage.

#### ➤ UNIDIRECTIONAL MICROPHONE

Comparing with Omnidirectional microphone, Unidirectional microphone reduces howling risk.

#### ➤ POCKET MICROPHONE MODE

Without external microphone. High sensitivity setting. Using on the chest pocket.

#### ➤ REMOTE MODE

Using with external microphone or head set microphone.

#### ➤ LOCK OF TALK SWITCH

For extended broadcasting, talk switch can be locked by one action.

#### ➤ MICROPHONE SENSITIVITY

2 microphone sensitivity available. User can select correct sensitivity for both hand-held use and hands-free use.

#### ➤ BUILT-IN CHIME

Chime tone can be activated during broadcasting. Not only to grab audiences attentions, but it also reduce speakers involuntary actions to confirm microphone's activation.

### Specification

Model	WM-5420
Emission	F3E
Frequency Range	636 - 666MHz, 794 - 806MHz, UHF
Channel Selectable	64 channels (the number of CH may differ from country to country)
Tone Frequency	32.768 kHz
Oscillator	PLL synthesized
RF Carrier Power	10 mW
Modulation Sensitivity	±4.8 kHz
Maximum Input Level	132 dB SPL (±38kHz Dev.)
EXT Mic Input Level	-45 dB* (1kHz ±4.8kHz Dev.)
Microphone Element	Unidirectional Electret Condenser Microphone
Frequency Response	200 Hz ~ 12kHz
Preemphasis	50us
Antenna	Built-In type

Battery	AA alkaline battery x 1
Battery Life	approx. 10 h (when the alkaline battery is used)
Function	A/B channels function SW, Talk SW lock, Mic sensitivity Lo/Hi SW Chim function SW, Battery life indicator, AUX microphone input
Operating Temperature	-10°C ~ +50°C
Operating Humidity	30% ~ 85% RH
Finish	ABS Resin, coating
Weight	105g (with battery)
Dimensions	74 (W) x 184 (H) x 20 (D) mm
Accessories	Clip x 1, Neck strap x 1, Screw driver x 1 Headset microphone: YP-M301 Close-Talking microphone: YP-M201
Options	Tie-Clip microphone: YP-M101 Tuners: WT-5800, WT-5805 or WT-5810

\* 0 dB=0.775 V



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