



# WS-400 Series

## Wireless Microphone Systems



Powerful set of features combined with exceptional performance and cost efficiency

# Your *ideal choice* of Wireless Microphone Systems

## Product Features

- Available in dual channel and single channel models
- Handheld Microphone and beltpack provides up to 10 hours continuous usage with the use of only 1 x AA battery ensuring long term cost efficiency
- Long operating range of approx. 100 m (line of sight)
- IR Sync
- Single Channel: Selectable Up to 4 simultaneous channels  
\* depending on region
- Dual Channel: Selectable Up to 16 simultaneous channels  
\* depending on region

### Dual Channel Wireless Microphone System

WS-402

WS-422

WS-432



### Single Channel Wireless Microphone System

WS-420

WS-430





#### Receiver (Dual Channel)

- Selectable up to 16 simultaneous channels
- Usable frequencies scanning and vacant channel search function
- Compact and stylish hardware
- Numerical LED display
- Indication of transmitter's battery life
- IR Sync



#### Receiver (Single Channel)

- Selectable up to 4 simultaneous channels
- Compact and stylish hardware
- Numerical LED display
- Fully synthesised PLL quartz tuning technology
- Indication of transmitter's battery life
- IR Sync



#### Handheld Microphone

- 1 AA battery provides up to 10 hours of continuous use
- Numerical LED display
- Battery life indicator

#### Beltpack Transmitter with Lavalier

- 1 AA battery provides up to 10 hours of continuous use
- MIC/Instrument switch
- Numerical LED display
- Adjustable sensitivity
- 3.5mm Screw Jack
- Battery life indicator
- Detachable antenna for maintenance



### Dual Channel Wireless Microphone System

#### WS-402



#### WS-422



#### WS-432



### Single Channel Wireless Microphone System

#### WS-420



#### WS-430



## Specifications

Microphones	Handheld Microphone	Wireless Transmitter
Microphone unit	Dynamic with cardioid pattern	Back Electret Condenser, Omni-directional
RF Carrier Power	10 mW	
Audio Frequency Response	80 Hz - 15 kHz	50 Hz - 15 kHz
Audio input Level	140 dB SPL (maximum)	-6 dBV (maximum), mic gain 0dB
Battery Life	approx. 10 hours	
Power Supply	1 AA size alkaline battery, 1.5 V	
Finish	Resin, coating	
Dimensions	250 x ø55 mm	62 (W) x 100 (H) x 25 (D) mm (with clip)
Weight	245 g (with battery)	85 g (with battery)

Receivers	Single Channel	Dual Channel
Diversity Reception	AC mains (supplied AC-DC adapter must be used)	
Frequency Range	633 - 671 MHz, 803 - 806 MHz, UHF	
Sensitivity	10µV at 45 dBA S/N	
Squelch (SQ)	Tone SQ, Carrier SQ, Noise SQ	
Audio Frequency Response	50 Hz - 15 kHz	
Audio Output Level (Maximum)	Balanced (XLR socket) : -20 dBu Unbalanced (1/4" jack socket) : 10 dBu	Balanced (XLR socket) : 16 dBu Unbalanced (1/4" jack socket) : 10 dBu
Power Supply	11 - 18 VDC 300 mA	11 - 18 VDC 500 mA
Dimensions	215 (W) x 39 (H) x 102 (D) mm (excluding antenna and BNC)	210 (W) x 44 (H) x 202 (D) mm (excluding antenna)
Weight	480 g	720 g

## Accessories



Rack Mounting Bracket Kit<sup>1</sup>  
**MB-WT3<sup>2</sup>**



Rack Mounting Bracket Kit<sup>1</sup>  
**MB-WT4<sup>3</sup>**



UHF Wireless Antenna  
**YW-4500**



Antenna Distributor  
**WD-5800**



Ear-Hook Microphone  
**Trantec YP-MS4E**



Headset Microphone  
**Trantec YP-MS4H**

Note:

1. Only for mounting of Dual Channel Receiver
2. For mounting of 1 unit of Dual Channel Receiver in an EIA standard equipment rack
3. For mounting of 2 units of Dual Channel Receiver, side-by-side in an EIA standard equipment rack

## Applications



Conference Meetings



Auditorium Performances



Speech Presentations



Classroom Teaching



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