



# S4.04 & S4.10 Series Wireless Microphone System



A Hassle-Free,  
Simply Plug and Play System

# S4.04 Series

## 4 Channel Wireless System

The S4.04 is **Trantec's** simplest plug and play system, designed to launch you in to the world of wireless. It's rugged and compact frames hold a reliable multifunctioning system that is optimised for use with a range of microphones from handheld, to lapels, to headsets, or alternatively can be used with a musical instrument.

### Receiver

- > Usable frequencies scanning and vacant channel search function
- > Compact and stylish hardware
- > Numerical LED display
- > Indication of transmitter's battery life
- > Build-in antenna

### Handheld Transmitter

- > Dynamic Microphone with cardioid pattern
- > 1 AA battery provides up to 10 hours of continuous use
- > Numerical LED display & battery life indicator

### Beltpack Transmitter

- > Locking 3.5mm jack
- > Integral switch for selection between instrument and microphone
- > 1 AA battery provides up to 10 hours of continuous use

### **Combination available:**

#### **S4.04-HD**

Receiver with Wireless Handheld Microphone

#### **S4.04-L**

Receiver with Wireless Transmitter & Lavalier Microphone

### **PLL Technology**

Fully synthesized PLL quartz tuning technology

### **Four Channels**

Four selectable frequencies can be used



### **Long Battery Life**

A single AA battery gives up to 10 hours of quality performance with a range of up to 100 metres

# S4.10 Series

## 16 Channel Wireless System

The **Trantec** S4.10 Series is designed to make multi channel wireless as simple as possible. The system is encased in a sturdy yet compact metal frame. It can be used with a wide range of microphones, or musical instruments making it the perfect solution for amateur and semi professional musicians and theatre performers.

### Receiver

- 16 selectable frequencies available
- Up to 12 simultaneous channels
- Fully synthesised PLL quartz tuning technology
- Receiver LED's show AF peak level, RF level & diversity channel A or B
- Diversity operation with detachable antenna
- Professional metal enclosure
- 19" rack mount option for one or two receivers

### Handheld Transmitter

- Dynamic Microphone with cardioid pattern
- Adjustable microphone sensitivity
- 1 AA battery provides up to 10 hours of continuous use

### Beltpack Transmitter

- Locking 3.5mm jack
- Integral switch for selection between instrument and microphone
- Single AA transmitter battery life of approx 10 hours.

### Combination available:

#### S4.10-HD

Receiver with Wireless Handheld Microphone

#### S4.10-L

Receiver with Wireless Transmitter & Lavalier Microphone

### PLL Technology

Fully synthesized PLL quartz tuning technology

### 12 Simultaneous Channels

Up to 12 simultaneous channels can be used



### Long Battery Life

A single AA battery gives up to 10 hours of quality performance with a range of up to 100 metres



## Specification

Model	S4.04-HD	S4.04-L	S4.10-HD	S4.10-L
Product Composition	Wireless Handheld Microphone Set	Wireless Lavalier Microphone Set	Wireless Handheld Microphone Set	Wireless Lavalier Microphone Set
Frequency Range	506 - 937.5MHz (*1), UHF			
Channel Selectable	4 channels		Up to 16 channels	
Tunable Frequencies	25kHz Steps			
Pilot Tone	32.768kHz			
Total Harmonic Distortion	<1% @ 1kHz			
Function	IR Sync, Channel Scan, Battery Indicator	IR Sync, Channel Scan, Battery Life Information	IR Sync, Channel Scan, Battery Indicator	IR Sync, Channel Scan, Battery Life Information
Accessories	AC Adapter (*2) x 1, Microphone Holder W5/16" x 1	AC Adapter (*2) x 1, Screw Driver x 1	AC Adapter (*2) x 1, Microphone Holder W5/16" x 1	AC Adapter (*2) x 1, Screw Driver x 1

### Microphone / Transmitter

Microphone unit	Dynamic with cardioid pattern	Lavalier microphone	Dynamic with cardioid pattern	Lavalier microphone
RF Carrier Power	10 mW			
Audio Frequency Response	80 - 15000 Hz	50 - 15000 Hz	80 - 15000 Hz	50 - 15000 Hz
Audio input Level	140 dB SPL (maximum)	-6dBV (maximum), mic gain 0dB	140 dB SPL (maximum)	-6dBV (maximum), mic gain 0dB
Modulation System	PLL synthesizer			
Battery	1 AA size alkaline battery, 1.5 V			
Battery Life	approx. 10 hours			
Indicator	Battery status LED, 7 segments LED			
Finish	Resin, coating			
Dimensions	approx. 250 x 50 mm	62 (W) x 100 (H) x 25 (D) mm (with clip)	approx. 250 x 50 mm	62 (W) x 100 (H) x 25 (D) mm (with clip)
Weight	approx. 245 g (with battery)	approx. 85 g (with battery)	approx. 245 g (with battery)	approx. 85 g (with battery)

### Receiver

Diversity Reception	AC mains (supplied AC-DC adapter must be used)			
Sensitivity	10uV at 45 dBA S/N			
Squelch (SQ)	Tone SQ, Carrier SQ, Noise SQ			
Audio Frequency Response	50 Hz - 15k Hz			
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			
Dimensions	215 (W) x 39 (H) x 102 (D) mm (excluding antenna and BNC)			
Weight	480g			
Optional Accessory	19" Rack Mount Kit: MB-S4RX-5-EB			

(\*1)

Band	Frequency
B	720 - 758 MHz, UHF
C	785 - 832 MHz, UHF
D	836 - 866 MHz, UHF
E	671 - 701 MHz, UHF
F	633 - 671 MHz, UHF
G	603 - 633 MHz, UHF
H	576 - 603 MHz, UHF
K	902 - 938 MHz, UHF

(\*2)

Version	AC Adapter
G (UK)	220 - 230 V AC, 50Hz
E (ER)	230 V AC, 50Hz
T (US)	120 V AC, 50Hz
A (AS)	240 V AC, 50Hz
R (US)	120 V AC, 60Hz
C (CH)	220 V AC, 50Hz
W	without Adapter

## Optional Accessories



### Microphones

Model	YP-MS4E	YP-MS4H
Type	Electret condenser type	
Directivity	Omnidirectional	
Frequency Response	20 - 20,000 Hz	
Sensitivity	-67 dB ±3 dB (0 dB=1V/0, 1Pa, 1kHz)	
Maximum Input Level	115 dB SPL, 1 kHz at 1%	
Cord Length	1.3m (4.27ft)	
Terminal	φ 3.5mm (0.14") Stereo plug	
Finish	Beige color	
Weight	16g or 0.56 oz (cable included)	23g or 0.81 oz (cable included)



TOA Electronics Pte Ltd

www.toa.com.sg

Specifications are subject to change without notice.

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