



TRANTEC

New Products for 2009



S5.3 Cube

4 channels of versatile wireless squeezed into in a pint-size package!



**STOP PRESS
CHANNEL 38 READY**

S6 Multi-channel

8 channels of rock-solid wireless with comprehensive user interface

WIRELESS MICROPHONE SYSTEMS
for broadcast, film, music and theatre

S6 – 8 channels of futureproof wireless

The S6 system builds on the success of the S6000 product taking the 19", 8-way concept to the next level. We have now incorporated a comprehensive user interface on the front panel allowing the user to configure and monitor all the channels with or without an external PC.

The rack mounted S6 receiver comprises 8 receiver modules, internal antenna distribution, headphone monitor, comprehensive user interface and USB connectivity.

S6 Receiver



When used in standalone mode the user can modify frequencies, (either from pre-configured banks or any frequency on a 25kHz grid), mute levels, and user names. RF levels, AF levels and battery status can be viewed and individual audio channels can be monitored through the headphone output.

The frequency set can be downloaded to the transmitters via an infrared port.

Under PC control the functionality of the system can be monitored remotely giving the additional functionality of RF walk tests, and RF spectral analysis.

Up to 5 racks can be controlled and monitored on a single screen of a local PC using USB, and also from anywhere over an Ethernet network.

The S6 system is supplied with the S6 beltpack, but is also fully compatible with the existing S6000 beltpack and handheld transmitters.

Features

- Channel 38 Ready
- Professional "Turnkey" solution
- 80 MHz switching bandwidth
- Rugged 2U 19" rack with integrated power supply
- User configurable to have 10 banks of up to 40 IM free frequencies
- Remote PC Data monitoring
- Intuitive jog wheel user interface
- Bright Vacuum fluorescent display
- Infrared Transmitter configuration
- Transmitter has LCD for frequency, gain and battery life indication
- Transmitter lock out facility to prevent inadvertent power down, gain or frequency adjust.
- Transformer-balanced audio output
- Antenna loop output

S6000 DTX

S6000 DTX Dynamic Capsule
S6000 CTX Condenser Capsule

- Capsules interchangeable with other manufacturer's capsules
- Battery Life: 10hrs typical, single AA cell
- I/R Programmable with up to 40 frequencies
- LCD for frequency, gain and battery life
- Antenna Type: Integral
- Enclosure: Full metal construction



S6000 LTX

- Battery Life: 10hrs typical, single AA cell.
- Small package
- I/R Programmable with up to 40 frequencies
- LCD for frequency, gain and battery life
- Choice of popular connector variants
- Enclosure: Full metal construction



S6 LTX

- Battery Life: 10hrs typical, single AA cell.
- I/R Programmable with up to 40 frequencies
- LCD for frequency, gain and battery life
- Enclosure: Full metal construction



S6 SYSTEM

Frequency Range: 606-686, 662-734, 734-806 & 798-865MHz
TV Channel range: Ch 38-48, Ch 45-53, Ch 54-62, Ch 62-70
Frequency Arrangement: 25kHz grid
AF Frequency Response: 50Hz-20kHz

S6 RECEIVER

AF Output: +13dBu via transformer balanced XLR
Headphone output: 500mW 8 Ohms
Data monitoring: USB
Operating Voltage: 90-132V AC or 180-264V AC

S6000 DTX

Capsule type: User selectable via screw fit
RF output power: 10mW/30mW switchable
Gain control: 10-position gain control
Capsule type: High quality directional Dynamic or Condenser capsule. (User interchangeable)

S6000LTX

RF output power: 10mW/ 30mW switchable
Audio Input range: -20dbm - +7dBm
AF connector: 3 pin / 4 pin Lemo (optional)
RF connector: Co-axial Lemo

S6LTX

RF output power: +13 dBm
Audio Input range: -20dBm to +7dBm
Microphone Bias Voltage: > 5V
AF connector: 3 pin Lemo
RF connector: Co-axial Lemo

S5.3 CUBE – Racked'n'Ready to go!

Trantec has introduced the latest addition to their popular Racked'n'Ready range. Compact, rugged, and extremely user-friendly, the S5.3 Cube has been designed to fill the needs of wireless mic users who prefer not to be overwhelmed with complex arrays of sound equipment.

Combining performance and reliability with the convenience of an easily portable package, the S5.3 Cube is a pint-size product that encompasses everything you need in a compact 1/2 width mini flightcase. Despite its small proportions, the system promises a powerful set of features and is suitable for venues of any size.

Its built-in scan facility will automatically scan for frequencies that are in use within your area, and will list banks that are safe to use, and channels within those banks.

S5.3 CUBE



This system comes ready installed with 4 UHF channels of Trantec S5.3 operating within an 11MHz window (854-865MHz). An antenna distribution unit is included, and built-in mains distribution provides power to each receiver and the ADU. For larger events a remote antenna kit is also available.

Both handheld and beltpack transmitters operate for up to 10 hours on a single AA battery, and computer monitoring means that users benefit from realtime system status. The S5.3 is already recognised for its versatile performance and is particularly popular with A/V and broadcast companies, DJs, musicians, schools and theatres.

Assembled packages include:

- 4 x S5.3 receivers
- 4 x S5.3 transmitters in any combination of dynamic handheld or beltpack transmitters (beltpack includes LP-2 lapel microphone)
- Antenna distribution unit
- Power supply allowing one power cable for assembled rack
- 2 x antennae

S5.3 HDX

S5.3HDX Dynamic capsule
S5.3HCX Condenser capsule

- Simple programming of transmitter with in-built Infrared data link
- Frequency & Power lock facility
- Professional metal enclosure
- Single AA operation of transmitters with battery life of over 10 hours
- Integral antenna
- Clear and intuitive LCD display
- Colour coded ID band



S5.3 LTX

- Credit card size beltpack
- Simple programming of transmitter with in-built Infrared data link
- Frequency & Power lock facility
- Professional metal enclosure
- Single AA operation of transmitters with battery life of over 10 hours
- Detachable antenna
- Clear and intuitive LCD display



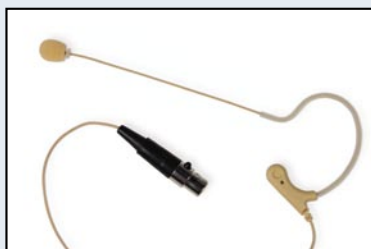
S5.3HDX / S5.3HCX

Battery Life:	10hrs typical. AA Single cell.
Handheld Capsule:	High quality directional Dynamic or Condenser capsule.
RF Bandwidth:	< 200KHz
Antenna type:	Integral
Enclosure type:	Full metal construction

S5.3LTX

Battery Life:	10hrs typical. AA Single cell
Beltpack AF connector:	4 pin mini XLR.
Audio Input range:	-20dBm - +7dBm
Microphone Bias Voltage:	> 5V
RF Bandwidth:	< 200KHz
Antenna type:	1/4 Wave Whip.
Enclosure type:	Full metal construction

EM-77: Earworn Microphone



The EM77 is a high quality single ear microphone. Its lightweight construction allows the user complete freedom of movement making it ideal for theatre, conference and educational use.

Specifications

Element:	Back Electret Condenser
Polar Pattern:	Omni-directional
Frequency Response:	20Hz ~ 20kHz
Sensitivity:	5mV/Pa +/- 3dB
Operating Voltage:	1.5V ~ 10V D.C.

HM-66: Aerobic Headworn Microphone



The HM-66 has been designed primarily to withstand the everyday rigours of an active lifestyle. This slim-line headworn mic has a choice of 4 connector types that will also plug into most other brands, and is available in a choice of black, blue & yellow.

Designed as a hands-free microphone for sports and aerobic instructors, it is also ideal for television journalism, event organisers and restaurant applications.

An adjustable headband, worn behind the head, secures the microphone, whilst allowing freedom of movement.

Precise placement is obtained with the 4mm diameter flexible gooseneck, and the condenser capsule is highly efficient at noise cancellation – helping prevent feedback or interference from crowd noise etc.

Specifications

Type:	Super cardioid electret condenser
Nominal Impedance:	3000 ohms
Max SPL:	125dB
Operating Voltage:	2-10 volts min/max
Current Consumption:	50uA
Frequency response:	60Hz-16kHz ±3dB
Cable Length:	1500mm
Colours Available:	Black, Blue & Yellow

ACC/S5-POUCH: Leather Beltpack Pouch



Added protection for your beltpack with this long-lasting protective leather pouch. Fits S5 and S6 beltpacks.



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