



# Cut!

When it comes to frequency flexibility, the S6000E simply cuts to the chase.

It's a new generation of radio microphones designed for all your visual and audio needs.

Proposed new regulations and digital television will require radio mics to be as frequency flexible as possible. The S6000E meets those needs, and more, allowing frequency planning over a huge 72MHz window. Not only that, we can also engineer to your personal frequency requirements – from 590MHz to 865MHz.

The new enhanced S6000E. Designed for the future in an over-regulated world.



## S6000 Rack Receiver



Freq Range (MHz): 590-662, 662-734, 734-806, 798-865  
Frequency Arrangement: 25kHz grid  
Image Rejection: 1st IF >85dB, 2nd IF >70dB  
RF Input Impedance: 50 Ohms  
RF Sensitivity: 0.5 $\mu$ V  
S/N Ratio: >100dB (A-Weighted) at Ue=50 $\mu$ V  
Squelch: Infinitely adjustable up to 30 $\mu$ V  
AF Frequency Response: 70Hz-18kHz  
AF Output: 0dBm XLR, transformer balanced

Distortion: <0.2%  
IF Bandwidth: 110kHz  
Frequency Stability: <10kHz  
Dynamic Range: >100dB (A-Weighted)  
Operating Voltage: 90 to 132 VAC or 180 - 264 VAC  
via an automatic switch (47 - 63 Hz)  
Dimensions: (Full width 2U 19" format)  
Weight: 8.5 Kg (fully loaded)

## S600IE Receiver



Freq Range (MHz): 590-662, 662-734, 734-806, 798-865  
Frequency Arrangement: 25kHz grid  
Image Rejection: 1st IF >85dB, 2nd IF >70dB  
RF Input Impedance: 50 Ohms  
RF 1dB Compression Point: -8dBm  
RF Sensitivity: 0.5 $\mu$ V  
S/N Ratio: >100dB (A-Weighted) at Ue=50 $\mu$ V  
Squelch: Infinitely adjustable up to 30 $\mu$ V  
AF Frequency Response: 70Hz-18kHz

AF Output: 0dBm XLR, transformer balanced  
Distortion: <0.2%  
IF Bandwidth: 110kHz  
Frequency Stability: <10kHz  
Dynamic Range: >100dB (A-Weighted)  
Operating Voltage: 90 to 132 VAC or 180 - 264 VAC  
via an automatic switch (47 - 63 Hz)  
Dimensions: 1/2 width 1U 19" format

## S6002E Receiver



Freq Range (MHz): 590-662, 662-734, 734-806, 798-865  
Frequency Arrangement: 25kHz grid  
Image Rejection: 1st IF >85dB, 2nd IF >70dB  
RF Input Impedance: 50 Ohms  
RF 1dB Compression Point: -8dBm  
RF Sensitivity: 0.5 $\mu$ V  
S/N Ratio: >100dB (A-Weighted) at Ue=50 $\mu$ V  
Squelch: Infinitely adjustable up to 30 $\mu$ V  
AF Frequency Response: 70Hz-18kHz

AF Output: 0dBm XLR, transformer balanced  
Distortion: <0.2%  
IF Bandwidth: 110kHz  
Frequency Stability: <10kHz  
Dynamic Range: >100dB (A-Weighted)  
Operating Voltage: 90 to 132 VAC or 180 - 264 VAC  
via an automatic switch (47 - 63 Hz)  
Dimensions: Full width 1U 19" format

## S6000 Handheld Transmitter



Freq Range (MHz): 590-662, 662-734, 734-806, 798-865  
Freq Arrangement: 64 frequencies on a 25kHz grid  
Output Power: 2 settings 10dBm/13dBm@50 Ohm  
Nominal Deviation: 22kHz  
RF Harmonic & Spurious Radiation: <-54dBm  
Frequency Stability: <10kHz

Power Consumption: 150mA, 1.5V 'AA' alkaline battery  
Operating Time: 8 hours (typical)  
AF Frequency Response: 70Hz-18kHz  
AF Gain: 10 step gain (Input level 0dB to -22dB)  
Dimensions: 270 x 35mm  
Weight: 280g

## S6000 Beltpack Transmitter



Freq Range (MHz): 590-662, 662-734, 734-806, 798-865  
Freq Arrangement: 64 frequencies on a 25kHz grid  
Output Power: 2 settings 10dBm/13dBm@50 Ohm  
Nominal Deviation: 22kHz  
RF Harmonic & Spurious Radiation: <-54dBm  
Frequency Stability: <10kHz  
Power Consumption: 150mA, 1.5V 'AA' alkaline battery

Operating Time: 8 hours (typical)  
AF Frequency Response: 70Hz-18kHz  
Audio Input: 3 or 4 pin LEMO  
AF Gain: 10 step gain (Input level 0dB to -22dB)  
Dimensions: 50 x 68 x 20mm  
Weight: 68g