

Komcept Solutions - in conjunction with Ocean Communications - is pleased to present the OCO7 digital scrambled radio microphone, a member of its family of small surveillance devices.

The OCO7 digital radio-microphone provides a discrete solution to audio surveillance. The small transmitter (50mm x 30mm x 6mm thick) is housed in a rugged aluminium casing for easy deployment.

Remote control of the transmitter from the supplied receiver allows real control over its features, frequency shift, output power and audio gain to ensure that, in all situations, optimum use can be made of the hardware.



The transmitter can be pre-set to 3 separate frequencies (within 1MHz) anywhere in the band 300MHz to 1GHz, making it suitable for most applications.

The FSK output is digitally scrambled to ensure that transmissions are not overheard providing that extra level of security.

It's small size and versatility make it suitable for use in very small, quick-plant situations as well as more strategic, longer term operations.

The USB and ancillary sockets built into the receiver allow remote control and monitoring of multi-transmitter systems.



Technical Specification

Receiver specification:

Frequency: 300MHz to 1Ghz
 Typically 430MHz - 460MHz or 850MHz - 870MHz
 Sensitivity: -97dBm @ 850Mhz; -100dBm @ 450Mhz
 Antenna: 50 ohm SMA, short whip antenna supplied
 Output: Headphone output; recording output; USB interface
 Housing: Professional aluminium enclosure, can easily be body worn or carried in a pocket.
 Power: 1.5V DC – takes a single internal AA cell
 Size: 102mm x 62mm x 20mm

Transmitter specification:

Frequency: From 300MHz to 1GHz
 Typically supplied in either 430MHz - 460MHz or 850MHz - 870MHz bands.
 Output power: +5dBm @ 850MHz or +10dBm @ 433MHz max
 Modulation: FSK @ 76.8kb/s
 Concealment: Digital pseudo-random code scrambling
 Control: On/off remote control from OCO7 receiver; Power level; Audio gain
 Power supply: 2.5 to 6.5 volt DC
 Size: 50mm x 30mm x 6mm