

# THROUGH-WALL AUDIO & TACTICAL SURVEILLANCE WITH THE **OCM** OPTICAL CONTACT MICROPHONE

**DATA SHEET**

The OCM offers improved performance and durability and it includes noise reduction through a built-in DSP in the electronic box.

The OCM gives users the ability to monitor audio in closed rooms or places where there is no access to install a standard microphone. The OCM enables listening through concrete walls, windows, doors and is used by special units as a rapid listening device in hostage scenarios.

Other applications include listening through containers and on vessels where the environment is humid and harsh, monitoring safes in banks, perimeter security, Oil and Gas pipeline security, all these harsh environments are possible due to the DSP noise reduction algorithms.

The OCM has a built in battery to enable operation without external power for at least 8 hours.

## » FEATURES

- Designed for SWAT, Special Task Forces
- Lightweight, waterproof sensor
- Unique optical acoustic technology
- Built-in noise cancelling via DSP

## » PRODUCT CODES

3-299-658 SS070 OCM03MONO Optical Contact Microphone for Surveillance with 5 meters cable, built in noise reduction, headphone, battery & bluetack all housed in carrying case with cut-out foam

## » TECHNICAL SPECIFICATIONS

Intelligibility through concrete wall thickness	Up to 80cm (31")
Frequency Response ( $\pm 10$ dB)	200-5000Hz
Line-out sensitivity (@1 mg)	> 10mV rms
Gain control range	> 45dB
Self noise (RMS)	< 30 $\mu$ rms
Supply voltage	9-15V DC or 9V battery
Power consumption	< 0.5W
Output impedance (standard line output)	< 100 $\Omega$
Operating Temperature Range [C/F]	-20° C to +60° C (-4° F to +140° F)
Cable Length	5m (16.4ft)
Dimensions, OCM Head	H: 20mm (0.78") D: 35mm (1.38") W: 16g (0.56 oz)

