



Science.
Applied to Life.™



Team talk without boundaries.

LiteTalk™ Group Communicator

The LiteTalk™ Group Communicator is a compact low power 2-Way Hand-Held Radio that bridges the gap between workers in high-noise areas and office-bound supervisors.

LiteTalk interfaces seamlessly with 3M™ Peltor™ noise attenuating headsets and in-ear hearing protection solutions to create networks capable of communicating;



Safely



Effectively



Efficiently

Peltor™ Partner Product

End-to-End radio communication solutions

LiteTalk™ Group Communicator wireless system are ideal for use in the following applications:

- Heavy Equipment
- Construction
- Airport
- Manufacturing
- Agriculture
- Motor Racing



Operates in the license-free ISM 433MHz band

Rugged IP55 ingress protection

Compact & lightweight; ideal for wearing on the shoulder

Up to 16 hours operation between charges

Accepts a range of cost-effective earpieces

Use LiteTalk™ with these 3M™ Peltor™ Headset Communication Solutions



LiteCom™ Plus 2-Way Radio Headset



Standard Noise Attenuating Headset



OraTac™ In-Ear Communications Solution

Compatibility

Legacy radio systems can be linked together easily with optional LiteTalk Group Communicator gateway cables to suit the most popular 2-Way Radio systems.

Smart design and advanced power management systems ensures the LiteTalk Group Communicator is lightweight, compact and has the capacity to operate for long periods - as much as 16 hours.

Technical data

Frequency	433MHz ISM Band
Channels	69 plus 38 CTCSS sub-tones
Tx Power	10mWatt
Rx sensitivity	> -120dBm
Audio Power	500mWatt
Distortion	<5%
DC Power	3.7V 1450mA LiPo battery
AC Charger	110/240VAC 50-60Hz 5V@1A DC

Approvals

RF standard	AS/NZS 4268:2012
Electrical safety	AS/NZS 60950-1
EMC requirements	CISPR 22-2012
AC/DC PSU approval	SAA130665EA
Li-Ion battery safety	IEC62133
Ingress Protection	IP55

*Operational specifications subject to change and improvement without notice.

Accessories



LT-SMA3 Replacement LiteTalk antenna

LT-FLEX-X10 Interface cable for Oratac™ & Peltor™ FLEX headsets

LT-XDTC-AU Single desktop charger (Australian plug)

LT-NEX-X10 Cable adaptor for all Peltor™ J11 down cables

LiteTalk™ Group Communicator

The LiteTalk™ Group Communicator is a radio frequency (RF) wireless technology device specifically designed for business applications in a broad and varied spread of industrial and commercial environments. Incorporating advanced core RF technology, the hand-held LiteTalk Group Communicator has a robust, compact design and delivers clear and effective team communications.

The unit may be worn from the shoulder or used in combination with a range of cost effective earpieces for enhanced privacy. The LiteTalk Group Communicator interfaces seamlessly via a standard 3M™ Peltor™ connector or Flex interface cable to a wide range of 3M Peltor advanced noise attenuating communication headsets and in-ear hearing protection solutions.

Operating in the license-free industrial, scientific and medical (ISM) 433MHz band these lightweight group communicators provide mission critical, IP55 certified ingress protection and are ruggedised to meet the requirements of the most demanding industrial applications.

The LiteTalk Group Communicator can also operate directly with 3M Peltor LiteCom™ Plus UHF Wireless Headset.

Critical Services Co-ordination

LiteTalk Group Communicators are ideal for Hospitality Coordination Groups, Evacuation Management Teams, Site Health & Safety Management Networks, Vehicle flow coordinators or any team based application where effective wireless communications is vital to the efficiency and safe operation of the work environment.

Site security teams and other non-noise impacted functions can work seamlessly with operational teams to manage emergency coordination, process management and other critical communications requirements.

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