

AIR TR-446

PMR RADIO

Uninterrupted Communication Everywhere, at Any Time

NO LICENCE REQUIRED

Possibility to make unlimited communication without taking any license for radio usage nor paying any fee.

ROBUST AND RESISTANT

Thanks to its characteristic of robust external case, resistant to drops, impacts, sand, dust, humidity, temperature change.

ERGONOMIC DESIGN

Suitable for everyday use, easy to carry, small and light design. Wide view and ease of use thanks to its luminous LCD Screen.



LONG BATTERY LIFE

1,700 mAH LI-ON battery provides uninterrupted and long talk time.

VOX (Handsfree Talking)

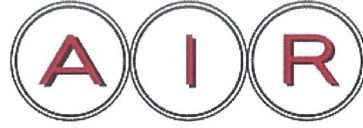
Possibility to use handsfree just with the voice command, without pushing the PTT button.

SCRAMBLER (Audio Mixer)

Provides to the user the possibility to talk safely thanks to its signal modification / speech scrambling feature which prevents that other users or third persons listen to the dialogue while radios communicate with each other.

GENERAL FEATURES

- 16 Talking Channels
- Key Voice Open/Closed
- 128 Memory Channels
- LCD Red Light Screen
- CTCSS/DCS Tone Controls
- VOX (Handsfree Use)
- 8 Group Audio Mixers
- 500 mW Power
- Automatic Scanning
- 3 Menu Handling Keys
- Priority Scanning
- TOT (Time out Timer)
- Power Save Open/Closed
- Busy Channel Lockout



Communication Solutions When It Matters

TECHNICAL PARAMETERS

NAME OF THE PRODUCT | AIR TR-446

GENERAL

FREQUENCY BAND	PMR 446
NUMBER OF CHANNELS	16 (SIXTEEN)
FREQUENCY STABILITY	±2.5 ppm
ANTENNA	HIGH GAIN
ANTENNA IMPEDANCE	50Ω
OPERATING VOLTAGE	DC 7.2V
OPERATING MODE	SIMPLEX
DIMENSIONS (WxHxD)	116 x 57 x 35mm

TRANSMISSION

OUTPUT POWER	≥0.5W(L)
MODULATION	16kOF3E / 11kOF3E
MAXIMUM RIPPLE	≥5kHz / ≥2.5kHz
SPURIOUS EMISSIONS	≥7μW
ADJACENT CHANNEL REJECTION	≥65db / ≥65db
FLOW	≤1.6A
CTCSS / DCS RIPPLE	0.5kHz+/-0.01kHz 03KHZ+/-0.1 KHz
SENSITIVITY	8-12 mV
DISTORTION	≤10%

RECEPTION

RF SENSITIVITY	-122dbm (12db SINAD)
AUDIO OUTPUT POWER	>0.5W
AUDIO DISTORTION	≤10%
INTERMODULATION	≥60db ≥65db
EMISSION SELECTIVITY	≥65db ≥60db
SPURIOUS REJECTION	≥65db
EMISSION PREVENTION	≥85

AUTHORIZED AGENT

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