

# LT<sup>®</sup> 5000 DMR SERIES



DMR (Digital) and Analogue Dual Mode



Colour TFT Screen



Emergency Calls



Lone Worker and Man Down Options



Standard Hi-Cap 2100mAh Li-Ion Battery



.LT5100



.LT5200

## FEATURES:

- BATTERY SAVER
- CALL ALERT
- DIGITAL VOICE RECORDING/PLAY
- EMERGENCY ALARM
- ENCRYPTION
- ENHANCED SOUND
- GROUP CALL
- HIGH/LOW POWER
- PRIVATE CALL
- REMOTE KILL
- REMOTE MONITOR
- SCENE MODE
- BATTERY VOLTAGE CHECK
- VOX

LUGRA LT<sup>®</sup>

VALUE. WITHOUT COMPROMISE.



FEATURES	.LT5100LF	.LT5200LF	.LT5100A	.LT5200A	.LT5100D	.LT5200D
FREQUENCY RANGE	446.0 - 446.1 MHz		150 - 170 MHz (VHF) / 430 - 480 MHz (UHF)			
HIGH/LOW POWER	0.5w		5w / 2.5w / 1w			
CHANNEL CAPACITY	256	256	256	4000	256	4000
OPERATING VOLTAGE	7.4v					
FREQUENCY STABILITY	± 2.5PPM					
OPERATION TEMP.	-20°C - +55°C					
IP RATING	IP54					
DIMENSIONS (MM)	127 x 57 x 32	129 x 61 x 39	127 X 57 X 32	129 X 61 X 39	127 X 57 X 32	129 X 61 X 39
WEIGHT	208g	282g	208g	282g	208g	282g
<b>BATTERY</b>						
BATTERY TYPE	LITHIUM ION					
BATTERY CAPACITY	2 100MAH	2 100/3 100MAH	2 100MAH	2 100/3 100MAH	2 100MAH	2 100/3 100MAH
BATTERY LIFE	22		14.5		22	

<b>TRANSMITTER</b>						
POWER OUTPUT	500MW	500MW	4W / 5W	4W / 5W	4W / 5W	4W / 5W
MODULATION LIMIT	± 5.0KHz @ 25KHz (WIDE BAND) / ± 2.5KHz @ 12.5KHz (NARROW BAND)					
ADJ. CHANNEL POWER	≥70dB (WIDE BAND) / ≥60dB (NARROW BAND)					
HUM AND NOISE	≥40dB (WIDE BAND) / ≥36dB (NARROW BAND)					
SPURIOUS EMISSIONS	≤-36dB (WIDE BAND) / ≤-36dB (NARROWBAND)					
4FSK DIGITAL MOD.	12.5KHz (DATA) 7K60FXD / 12.5KHz (DATA + VOICE) 7K60FXE					
AUDIO DISTORTION	≤5%					
ERROR RATE	≤3%					

<b>RECEIVER</b>	
SENSITIVITY (12dB SINAD)	≤0.25uV (WIDE BAND) / ≤0.35uV (NARROW BAND)
DIGITAL SENSITIVITY	0.3uV/-117.4dBm (BER 5%) / 0.7uV/-110dBm (BER 1%)
ADJ. CHANNEL SELECTIVITY	≥70dB (WIDE BAND) / ≥60dB (NARROW BAND)
SPURIOUS EMISSIONS	≤-57dB (WIDE BAND) / ≤-57dB (NARROW BAND)
SPURIOUS REJECTION	≥70dB (WIDE BAND) / ≥70dB (NARROW BAND)
BLOCKING	84dB
HUM AND NOISE	≥45dB (WIDE BAND) / ≥40dB (NARROW BAND)
AUDIO DISTORTION	≤5%
AUDIO POWER OUTPUT	1000mW / 16 Ω