

Better Safe Radio™

TERA TR-500-C

Any Settings/Frequencies You Want! Custom Programming Options

Channel/Frequency Settings

Setting	Range/Options	Default
Channels	16 VHF/UHF	
Frequency Range VHF	136.0000 - 174.0000 MHz	2 MURS
Frequency Range UHF	400.0000 - 470.0000 MHz	14 GMRS
RF Power VHF	Low: 2 Watts Hi: 5 Watts	Low
RF Power UHF	Low: 1 Watts Hi: 4 Watts	Hi
CTCSS Tones	67.0 - 254.1 Hz	67.0
DCS Codes	D023N - D754N D023I - D754I	-
Scanable	On/Off	On
FM Bandwidth	FM Narrow (FMN) Wide FM (WFM)	WFM
Busy Lock	On/Off	Off
PTT ID	On/Off	Off

Low & Mid Side Key Options

Option	Short Press	Long Press
Off	√	√
Monitor Momentary	N/A	√
Monitor Toggle	√	N/A
Alarm	N/A	√
Battery Level	√	√
VOX Toggle	√	√
Tx Power Toggle	√	√
Scan Toggle	√	√
Channel Lock	N/A	√

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Radio Feature Settings

Setting	Range/Options	Default
Environment	Quiet/Noisy	Quiet
Squelch Level	0 - 9 VHF 0 - 9 UHF	4 4
Voice/Beep	Off/Voice/Tone	Voice
Tx Time Out	Off/30s/60s...300s	90s
Rx Power Save Ratio	Off/1:2-1:5/Auto	1:3
Tx Squelch Tail	On/Off	On
Power On Voice	On/Off	On
Boot Sound	“Power On” Male “TERA” Female 3 Tone Chord	“Power On”
Side Key Long Press Time	.1 - 5s	1s
PTT ID DTMF Tx Begin	0-9, A-D 8 Char. Max.	-
PTT ID DTMF Tx End	0-9, A-D 8 Char. Max.	-
DTMF Speed	4 - 15 Digits/s	4
DTMF 1st Digit Time	0 - 1000ms	0
DTMF 1st Digit Delay	100 - 1000ms	100

VOX & Scanning Options

Setting	Range/Options	Default
VOX Mode	On/Off	Off
Whisper VOX	On/Off	On
VOX Gain	1 - 9	4
VOX Delay	0.3 - 5.0s	1.0
VOX Inhibit While Rx	On/Off	On
VOX Off Tone	On/Off	On
VOX Proceed Tone	On/Off	On
Scan Mode	On/Off	Off
Scan Type	Carrier/Time	Carrier
Scan Dropout Delay	0.1 - 10.0s	3.0
Scan Tx Dwell	0.1 - 10.0s	5.0
Scan Revert Channel	Last Called Last Used	Last Called
Priority Scan	On/Off	Off
Pri. Scan 1st Channel	1 - 15	1
Priority Scan Cycle	0.5 - 5.0	2.0
Scan Proceed Tone	On/Off	On
Scan Off Tone	On/Off	On
Scan LED	On/Off	On

Contact us with any questions or for programming recommendations/consulting.