

Better Safe Radio™

TERA TR-590-C

Any Settings/Frequencies You Want! Custom Programming Options

Channel/Frequency Settings

Setting	Range/Options	Default
Channels	199 VHF/UHF 20 FM Broadcast Radio	
Frequency Range VHF	136.0000 - 174.0000 MHz	2 MURS
Frequency Range UHF	400.0000 - 470.0000 MHz	14 PLMRS
FM Radio Range	88.1 - 108.0 MHz	
RF Power VHF	Low: 0.5 Watts Med: 2 Watts Hi: 5 Watts	Med
RF Power UHF	Low: 0.5 Watts Med: 2 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
Stopwatch	√	√
Scan Toggle	√	√
FM Radio	√	√
QT Scan	√	√
Alarm	N/A	√
Alarm Light	√	N/A
Flashlight	N/A	√

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Radio Feature Settings A

Setting	Range/Options	Default
Auto Lock	On/Off	Off
Key Lock	On/Off	Off
Menu Lock	On/Off	Off
Beep	On/Off	Off
Fast Adjust Power	On/Off	On
Rx Alarm	On/Off	Off
Tx Squelch Tail	On/Off	On
Tx/Rx LED	On/Off	On
Band Display	Main/Sub	Main
Sub Display	Single Rx/Dual Rx	Dual Rx
Single Display	Blank/Voltage	Voltage
Band A Display	Name/Freq./VFO	Name
Band B Display	Name/Freq./VFO	Name
Squelch Level	Band A: 0 - 9 Band B: 0 - 9	4 4
Tuning Step	Band A: 2.5k-100k Band B: 2.5k-100k	2.5 kHz 2.5 kHz

Radio Feature Settings B

Setting	Range/Options	Default
Boot Sound	“Power On” Male “TERA” Female 3 Tone Chord	“TERA”
Lock Mode	All/Key/Dial/Off	All
Power Save	Off/Simple/Auto	Auto
Tx Time Out	Off/30s/60s...300s	90s
Power On Message	0-9, A-D 7 Char. Max.	BSR
Side Key Long Press Time	.1 - 5s	1s
DTMF Speed	4 - 15 Digits/s	4
DTMF 1st Digit Time	0 - 1000ms	0
DTMF 1st Digit Delay	100 - 1000ms	100
PTT ID DTMF Tx Begin	0-9, A-D/Off 7 Char. Max.	Off
PTT ID DTMF Tx End	0-9, A-D/Off 7 Char. Max.	Off
FM Radio Enable	On/Off	On
FM Monitor	On/Off	On
FM Radio Step	50 kHz / 100 kHz	100 kHz

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Scanning & VOX Options

Setting	Range/Options	Default
Priority Scan	On/Off	Off
Pri. Scan 1st Channel	1 - 199	1
Priority Scan Cycle	0.5 - 5.0	2.0
Scan Dropout Delay	0.1 - 10.0s	3.0
Scan Mode	Carrier/Time/Search	Carrier
VOX Proceed Tone	On/Off	On
VOX Inhibit While Rx	On/Off	On
VOX Whisper	On/Off	On
VOX Gain	1 - 9	4
VOX Delay	0.3 - 5.0s	2.0

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