

X-TERRA Series Detectors' Comparison Chart



Function		X-TERRA 30	X-TERRA 305	X-TERRA 50	X-TERRA 505	X-TERRA 70	X-TERRA 705
Power	Battery (Alkaline)	4 x AA (25 hours)	4 x AA (25 hours)	4 x AA (25 hours)	4 x AA (25 hours)	4 x AA (25 hours)	4 x AA (25 hours)
	Low battery	Icon & Audio warning	Icon & Audio warning	Icon & Audio warning	Icon & Audio warning	Icon & Audio warning	Icon & Audio warning
Operating frequency (kHz)		7.5	7.5 & 18.75	7.5 & 18.75	3, 7.5 & 18.75	3, 7.5 & 18.75	3, 7.5 & 18.75
Ground Balance	Operation	No	0-20	0-20	0-50 (plus improved performance)	0-90	0-90 (plus improved performance)
	Auto	No	No	No	No	Yes	Yes (improved performance)
	Tracking	No	No	No	No	Yes	Yes (improved performance)
Ground balance Tracking Offset		No	No	No	No	No	-15 - +15
Discrimination		12 segment (steps of 4)	12 segment (steps of 4)	18 segment (steps of 3)	19 segment (steps of 3)	28 segment (steps of 2)	28 segment (steps of 2)
Numerical ID range		-4 to 44	-4 to 44	-9 to 45	-9 to 48	-8 to 48	-8 to 48
Target ID		VDI - Visual Discrimination Indication	VDI - Visual Discrimination Indication	VDI - Visual Discrimination Indication	VDI - Visual Discrimination Indication	VDI - Visual Discrimination Indication	VDI - Visual Discrimination Indication
		Depth, Numerical ID & 12 segments	Depth, Numerical ID & 12 segments	Depth, Numerical ID & 18 segments	Depth, Numerical ID & 19 segments	Depth, Numerical ID & 28 segments	Depth, Numerical ID & 28 segments
Modes		1 C&T	1 C&T	1 C&T	1 C&T	3 C&T/Beach/Prospecting	3 C&T/Beach/Prospecting
Preset Patterns		1 + All-Metal	2 + All-Metal	2 + All-Metal	3 + All-Metal	3 + All-Metal	4 + All-Metal
All Metal		Yes	Yes	Yes	Yes	Yes	Yes
Pinpoint		Yes	Yes	Yes	Yes	Yes (Fixed)	Yes (Fixed & Sizing)
Iron Mask		No	No	No	No	0-20	0-20
Audio	Volume	Adjustable, 0-10	Adjustable, 0-10	Adjustable, 0-20	Adjustable, 0-30	Adjustable, 0-30	Adjustable, 0-30
	Tone	Fixed 3 tones	1,2,3, Multi (12)	Fixed 4 tones	1,2,3,4 Multi (19)	1,2,3,4 Multi (28)	1,2,3,4 Multi (28)
Threshold Adjustment		No	Yes, -5 to 25	No	Yes, -5 to 25	Yes, -5 to 25	Yes, -5 to 25
Headphone		1/4" Stereo Jack	1/4" Stereo Jack	1/4" Stereo Jack	1/4" Stereo Jack	1/4" Stereo Jack	1/4" Stereo Jack
Noise Cancel	Manual	Fixed	3 settings	3 settings	5 settings	5 settings	5 settings
	Auto	No	No	No	No	5 settings	5 settings
Sensitivity	Manual	1-10	1-10	1-20	1-20	1-30	1-30
Depth Indicator		5 bars 0" - 10+"	5 bars 0" - 10+"	5 bars 0" - 10+"	5 bars 0" - 10+"	5 bars 0" - 10+"	5 bars 0" - 10+"
		Updates continuously, even in pinpoint	Updates continuously, even in pinpoint	Updates continuously, even in pinpoint	Updates continuously, even in pinpoint	Updates continuously, even in pinpoint	Updates continuously, even in pinpoint
Backlight		No	No	No	No	No	Yes
Factory Presets		Optional/Button sequence	Optional/Button sequence	Optional/Button sequence	Optional/Button sequence	Optional/Button sequence	Optional/Button sequence
Memory		Remembers user settings even if batteries are removed	Remembers user settings even if batteries are removed	Remembers user settings even if batteries are removed	Remembers user settings even if batteries are removed	Remembers user settings even if batteries are removed	Remembers user settings even if batteries are removed
Warranty Period		1 year	3 years	1 year	3 years	1 year	3 years
Coil		9" Conc Waterproof	9" Conc Waterproof	9" Conc Waterproof	9" Conc Waterproof	9" Conc Waterproof	9" Conc Waterproof
Length		48" - 56" adjustable	48" - 56" adjustable	48" - 56" adjustable	48" - 56" adjustable	48" - 56" adjustable	48" - 56" adjustable
Weight		1.3kg	1.3kg	1.3kg	1.3kg	1.3kg	1.3kg
Display Size (mm)		76 x 37	76 x 37	76 x 37	76 x 37	76 x 37	76 x 37
User Interface keys		6 + Power	8 + Power	8 + Power	8 + Power	10 + Power & Backlight	10 + Power & Backlight
Accessory coils		2 options - 10.5" DD MF & 6" Conc MF	6 options - 9" HF Conc/ 10.5" Round DD HF & MF/ 6" Conc HF & MF/ 10.5" Elliptical	6 options - 9" HF / 10.5" Round DD HF & MF/ 6" Conc HF & MF/ 10.5" Elliptical HF	7 options - 9" HF & LF Conc/ 10.5" Round HF & MF/ 6" Conc HF & MF/ 10.5" Elliptical HF	7 options - 9" HF & LF Conc/ 10.5" Round DD HF & MF/ 6" Conc HF & MF/ 10.5" Elliptical HF	7 options - 9" HF & LF Conc/ 10.5" Round HF & MF/ 6" Conc HF & MF/ 10.5" Elliptical HF