

SPECIFICATIONS

Frequency Coverage, Step, and Default Modulation Modes

The Pro 2045 (20-9418) available in Europe/Australia) receives these bands:

VHF Lo	66-88 MHz (in 5 kHz steps)	NFM
Aircraft	108-136.975 MHz (in 12.5 kHz steps)	AM
VHF	137-143.995 MHz (in 5 kHz steps)	NFM
Amateur Radio	144-147.995 MHz (in 5 kHz steps)	NFM
VHF-Hi	148-174 MHz (in 5 kHz steps)	NFM
	216-224.9875 MHz (in 12.5 steps)	NFM
	225-399.9875 MHz (in 12.5 kHz steps)	AM
Amateur Radio/UHF Lo	400-444.9875 MHz (in 12.5 kHz steps)	NFM
UHF (Europe)	450-469.9875 MHz (in 12.5 kHz steps)	NFM
	470-512 MHz (in 12.5 kHz steps)	NFM
	806.0000-1000.0000 MHz (in 12.5 kHz steps)	NFM
UHF (Australia)	400-470 MHz (in 12.5 kHz steps)	NFM
	470-512 MHz (in 12.5 kHz steps)	NFM
	806.0000-823.9375 MHz (in 12.5 kHz steps)	NFM
	823.9500-850.9800 MHz (in 30.0 kHz steps)	NFM
	851.0000-868.9375 MHz (in 12.5 kHz steps)	NFM
	868.9500-896.1000 MHz (in 30.0 kHz steps)	NFM
	896.1125-1000.0000 MHz (in 12.5 kHz steps)	NFM

Channels 210 (20 Channels × 10 Banks + 10 Monitor Memories)

Sensitivity (20 dB S/N with 60% modulation for AM; 3 kHz deviation for NFM):

NFM	76.825 MHz	0.5 μV
S+N/N=20 dB	162.4 MHz	0.6 μV
	453.25 MHz	0.6 μV
	954.9125 MHz	0.8 μV
AM	127.175 MHz	1.5 μV
S+N/N=20 dB	230.05 MHz	1.5 μV
	325.05 MHz	1.5 μV

Direct/Limit Search Speed:

Normal Speed	100 Steps/Second
Hypersearch	300 Steps/Second

Scanning Speed 50 Channels/Second

Priority Channel Sampling Interval 2 Seconds

Programmable Delay 2 Seconds

IF Frequencies 1st IF: 380.7 MHz
254.4 MHz at UHF Band
2nd IF: 10.85 MHz
3rd IF: 450 kHz (NFM)

Audio Power 1 Watt Maximum

Built-In Speaker 57 mm (27/16-Inch), 8-Ohm, Dynamic Type

Maximum Current Drain 500 mA

Power Requirement 12 Volts

AC Adapter Supplied

Dimensions 82 × 235 × 205mm(HWD)
(3 1/4 × 9 1/4 × 8 1/16 Inches)

Weight 960 g (1 lb, 17 oz)

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.