

14. Specification

Frequency range	Transmit: 2 to 24 MHz Receive: 250 kHz to 30 MHz
Channel capacity	600. Comprising 501 pre-programmed EPROM controlled channels and 99 front panel operator programmed channels.
Operating mode	Single sideband (J3E; USB) with LSB available as an option.
Transmitted power output	125 watts (PEP). May be set to any output between 25 and 125 PEP. (Approved to DOC specification RB 209 for 100 watts PEP operation in Australia.)
Supply voltage	12V DC nominal, negative earth Normal operating range 10.5V to 15V DC Maximum operating range 9V to 16V DC Reverse polarity protection is provided.
Overvoltage protection	Shutdown at 16V DC (nominal) for duration of overvoltage.
Supply current	Receive (no signal): 0.4A Transmit J3E voice: 6A (average) J3E two tone: 9—12A
Size and weight	8528 transceiver 250 mm W x 320 mm D x 78 mm H; 3.3 kg (excludes vehicle mounting frame) 8532 control head 190 mm W x 50 mm D x 75 mm H; 0.4 kg (includes mounting bracket)



