



Connects to J32 inside the Icom IC-R8500. Can only be used in FM-mode with bandwidth (BW) set to 12 kHz. NOTE: WideFM mode is not used as there is a high-pass voice filter here - the seismic band is on the (steep) slope of the filter.

Outputs seismic signal in the range 10-100Hz.

The sum of R1 and R2 is adjusted to approx 3.5 k ohm. This is the gain-setting. R3 is part of a low-pass filter used to correct the frequency response curve. R3 is adjusted to approximately 4k ohm.

Connector	Color	Where?	Service Manual
13,8 V	(Red)	Switch, cord from J16 - pin 4	11-1 and 11-2
Gnd	(Black)	Ground under screw on "Main Unit"	9-4
From Diskriminator	(White)	Jumper J32 - pin 1	11-1 and 11-2
To output	(Green)	Jumper J32 - pin 2	11-1 and 11-2

REV.	DESCRIPTION	DATE	BY
1	Release.	June 01	EG
2	Text modifications. Visio drawing.	27.11.02	FRS

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SONOBUOY RADIO RECEIVER

Modification of ICOM IC-R8500

SIZE	FSCM NO	DWG NO	REV
1		ICOM-R8500-modification.vsd	2
SCALE	1:1	SHEET	1 OF 1