

A great new omni-directional scanner antenna with flexible mounting options!



Must not included

Designed by Bob Grove, this exclusive Grove product offers 25-1300 MHz coverage; lightweight, compact design, high performance, and low cost! Designed especially for wide-area metropolitan listeners, the 68" Omni can be mounted on a mast, in an attic crawl space, against a wall...just about anywhere convenient.

BONUS FEATURE! Although the Omni is essentially non-directional, a metal mast gives it useful directional properties. Overload interference from paging transmitters, weather stations, FM or TV broadcasters or other sources may be reduced or eliminated when positioning the antenna on the mast at the time of installation! Similarly, a distant, weak signal may be peaked by the same technique!

Comes with balun transformer, F connector, offset pipe, mounting hardware and instructions. Choose 50 or 100 feet of coax from page 10.

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\$1995
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Grove's Scanner Specification Guide

Scanner	Alinco DJ-X10	AR 3000A	AR 5000	AR 8000	ICDM R10	ICDM R8500
Grove Order #	SCN 02	SCN 26	RCV 12	SCN 27	SCN 6	SCN 1
Grove Price	Call	\$1,062.95	\$1,995.95	\$599.95	\$499.95	\$1,999.95
Frequency Range	100 kHz-2000 MHz (less cellular)	100kHz-824 MHz, 849-869 MHz, 894-2036 MHz	10 kHz-2600 MHz (less cellular)	500kHz-1900 MHz (less cellular)	500 kHz-1300 MHz. (less cellular)	100 kHz-1999.9999 MHz (less cellular)
Keypad Entry?	Yes	Yes, plus tuning dial	Yes, plus tuning dial	Yes	Alphanumeric	Yes
Tuning Steps	10/100 Hz/1/2.5/ 6.25/9/10/12.5/15/20/ 25/30/50/100/125/150/200/250/500 kHz	Programmable 50 Hz-999 kHz	Programmable 1 Hz-1 MHz	50 Hz-999.995 kHz	100 kHz-999.99 kHz	1050/100 Hz; 1/2.5/6.25/10/12.5/20/25/30/50/100/1000 kHz; custom
RIT, Fine Tuning	Not necessary	Tuning dial	(Not necessary)	Tuning dial	Yes	No
Display	Backlit LCD	Backlit LCD	Backlit LCD	Backlit LCD	Backlit LCD	Backlit LCD, alphanumeric display
Dimmer	Yes	On/off	Yes	On/Off	On/Off	Yes
Recommended Use	General purpose, full spectrum	Serious wide-spect mon.	Wide spectrum monitoring	Wide spectrum monitoring	Wide spectrum monitoring	Serious wide-spectrum monitoring
Receiving Modes	AM/NFM/WFM/LSB/USB/CW	AM/NFM/WFM/LSB/USB/CW	AM/NFM/WFM/LSB/USB/CW	AM/NFM/WFM/LSB/USB/CW	AM/NFM/WFM/LSB/USB/CW	AM/FM (w/ AFC)/USB/LSB/CW/RTTY
Memory	1200 channels	400 chan. w/ backup	650 Channels	1000 channels	1000 channels	1000 channels
Scan	25 channels/sec.	50 channels/sec.	50 channels/sec. w/ priority	30 channels/sec.	6 ch./sec. (plus zero wait state)	40 chan./sec. multifunction
Banks	30	4	65	20 (50 channels ea.)	18	20
Channel Lockout	1000	Scan & search chan.	Yes	Yes	Yes	Yes
Priority	1 channel	4 channels	Yes	Any channel	Yes	Yes
Search	Yes	50 channels/sec.	50 channels/sec.	30 channels/sec.	17 steps/sec	Yes, with automemory write
Delay	Selectable	Yes, variable	Yes	Programmable	Programmable time, channel	Yes
Squelch	Yes	Yes	Yes	Audio/carrier activ.	Yes	Yes
Clock	Clock timer	Yes	Yes	No	No	No, sleep timer
Audio Output Power	100 mW	1.2 W @ 4 ohms	1 W	180 mW	120 mW @ 8 ohms	2W @ 8 ohms
Record Audio Output	Yes	Yes	Yes	No	No	Yes
Recorder Activator	No	Yes	No	No	No	Yes
Signal Strength Ind.	LCD bargraph	Yes	Analog S-meter	LCD bargraph		S meter with center tuning indicator
Computer Interface	No	RS232C	Yes, all functions	RS232	Yes	RS232C and CI-V
Conversion Scheme	Triple up (736.25/ 275.45, 45.05, 10.7/0.455 MHz)	Triple conv.	Triple (622.2/10.7 MHz, 455 kHz)	Triple up/quad on WFM	Triple up-conversion (429/266, 10.7 MHz, 455 kHz)	Triple conv.
Sensitivity	1 uV AM, 0.25 uV SSB, 0.35 uV NFM	0.25-0.35uV	0.6 uV or better	.025-3 uV	1 uV AM, 0.45 uV NFM, 0.35 uV SSB	0.2 uV SSB, 0.5 uV NFM
Selectable Preamp.	No	No	Yes	No	No	No
Selectable Atten.	Yes	Yes	Yes	Yes, chan. selectable	Programmable, 20 dB	-10/-20 dB
IF Selectivity	(-6 dB) 4 kHz SSB/CW, 15 kHz AM/NFM, 150 kHz WFM	(-6/-60 dB) SSB 2.4/4.5 kHz, AM/NFM 12/25 kHz	3/6/15/40/110/220 kHz	SSB (-6/-50 dB) 4/15 kHz, AM/NFM: 12/25 kHz, WFM 180/800 kHz	(-6 dB) SSB 4 kHz, AM/NFM 15 kHz, WFM 150 kHz	5.5/12/150 kHz FM, 2.2/5.5/12 kHz AM, 2.2 kHz SSB/CW
Noise Blanker/Limiter	No	No	Yes	No	Both	Yes
Antenna Connector	BNC	BNC Integral whip	3, programmable frequency ranges	BNC	BNC	SO-239 (UHF)(0.1-30 MHz), N (30-2000 MHz)
Dimensions	2-1/4"W/6"H/1"D	5.5"W/3"H/7.875"D	8.5"Wx3.5"Hx10"D	6"H/2.75"W/1.5"D	2.25"W/5"H/1.25"D	11.25"W/4.5"H/8.25"D
Weight	11 oz.	2.5 lbs	7 lb 10.5 oz.	13 oz.	11 oz.	18 lbs.
Power Requirement(s)	4 AA cells or 8-15 VDC external	9-16 VDC	13.8 VDC 2 1 A or 120 VAC @ 60 Hz	4AA cells (NiCds supplied)	4.8-16 VDC, AC adaptor included	12 VDC/120 VAC @ 60 Hz
Warranty	One year	One year	One year	One year	One year	One year
Accessories incl.	Telescopic whip, manual	Tele whip/AC adapt/ DC adaptor/Manual	Manual/AC adaptor	AC adaptor/ flex antenna/ DC cord/manual/ carrying strap/belt clip	AC adaptor, flex whip, rechargeable batteries, manual	Manual

The Famous Grove Scanner Beam

6-9 dB gain over other scanner antennas!

Our world-renowned Scanner Beam provides unexcelled 30-50 MHz low band reception, 108-137 MHz aircraft, 137-174 MHz high band, 225-400 MHz military aircraft and satellites, 406-512 MHz UHF, and 806-960 MHz microwave mobile.

HAMS NOTE:—can be used for transmitting up to 25 watts on 144, 220, and 420 MHz bands. 50/75 ohms nominal impedance.

May be used with inexpensive TV antenna rotator (available on p. 12, or fixed in one direction as required for those elusive, distant stations. Local signals still come in loud and clear from all directions.

Balun transformer, offset pipe and all mounting hardware included (requires TV type F connector on your coax—available on p. 10). Approximate size 8'H x 5'W.



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