

**Unparalleled frequency coverage combined with precision stability!**

# Somewhere Beyond Amazing...



**N**ow you can own the world-class AR8200 Mark III portable receiver with unparalleled frequency coverage from 500 KHz to 3 GHz. An even better Temperature Compensated Crystal Oscillator for solid frequency stability. Improved RF circuits combine greater sensitivity, resistance to intermod products and enhanced Signal to Noise ratios. The Mark III features better audio frequency response and includes NiMH AA cells that can be charged while operating the receiver. When you're ready for the best, you're ready for AOR – **The Authority on Radio.™**

## AR8200 Mark III

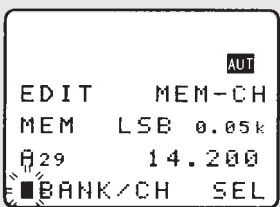
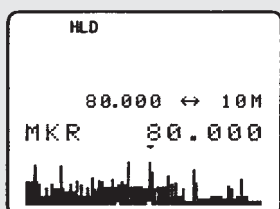
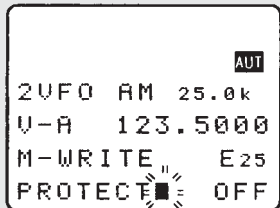
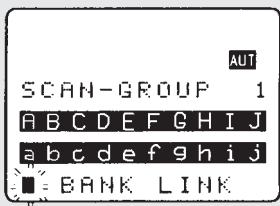
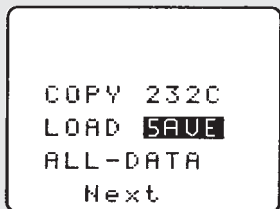
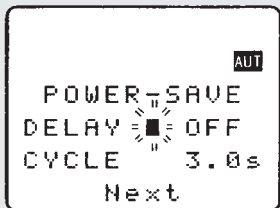
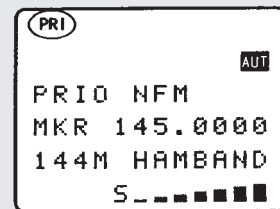
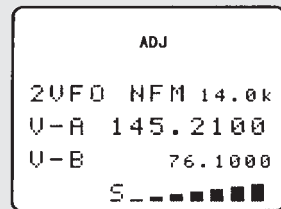
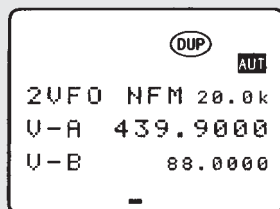
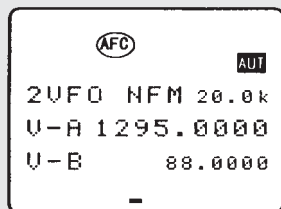
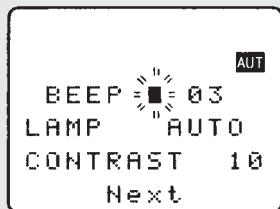
- New TCXO for greater stability – performance not found in most desktop units!
- Covers 500 KHz ~ 3 GHz – world's first handheld with this range!\*
- Ni-MH batteries included (1800mAh)
- 1,000 memory channels (20 banks X 50 channels)
- 40 search banks
- 2 VFOs
- Alphanumeric channel and bank labels
- Computer control and programming. (requires optional connection cable)
- Download free control software from AOR web site!
- "All Mode" reception includes "super narrow" FM plus wide and narrow AM in addition to USB, LSB, CW and standard AM and FM modes
- True carrier reinsertion in USB and LSB modes. Includes 3 KHz SSB filter!
- Detachable MW antenna with negative feedback
- Optional internal slot cards expand the Mark III's capabilities. Choose from Memory Expansion (up to 4,000 memories), CTCSS Squelch & Search, and Tone Eliminator
- Tuning steps programmable in multiples of 50 Hz in all modes
- 8.33 KHz airband step is correctly supported
- Noise limiter and attenuator
- Band activity "scope" display with "save trace" capability
- Four-way side panel rocker switch allows one-hand operation
- Large, backlit, multifunction display and illuminated keypad
- Battery Save function with Low Battery indicator
- Operates on 12 VDC external power
- BNC antenna connector
- Wide choice of accessories

*Discover why AOR receivers are the choice of many federal, state and local government agencies. Military users, laboratories and professional news-gathering operations also use AOR, the serious choice in advanced technology receivers.™*



Authority on Radio  
Communications

\*Cellular blocked on USA models, unblocked version available to qualified agencies, documentation required. Specifications subject to change without notice or obligation.



# The AOR AR8200 Mark III sets new standards for wide-range receivers.

Prepare to be astounded at the versatility and broad range of features found in the AR8200 Mark III. Unparalleled frequency coverage, superb sensitivity, precision stability from the TCXO, enhanced resistance to intermod, Ni-MH battery power and more!

**Large Display** changes configurations for the mode of operation you select. (see illustrations). Each memory channel can also display up to 12 characters of text.

**Data Port** can be used for computer control, memory configuration and transfer, cloning or tape recording output. (Optional cables required to utilize these features.)

**Flexible Memory Allocation** allows you to add more memory channels to a bank and decrease the number dedicated to another, making memory management more efficient. You can also edit, move, swap and delete memories.

**Programmable Scan and Search Modes** allow you to configure multiple operating profiles for general monitoring or a specific area of interest.

**MW Bar Antenna** captures AM broadcast stations. Antenna has negative feedback and is detachable.

**Telescoping Main Antenna** allows operator to configure length and angle of antenna (up to 90 degrees from vertical) for optimal reception. Far superior to "ducky" antennas. BNC antenna port allows for easy connection to external or mobile antenna systems.

**Tuning Steps** can be programmed in multiples of 50 Hz.

**Detailed Operating Manual** helps you learn the many capabilities of the AR8200 Mark III in a clear, concise fashion.

**Many "Extras"** included with the AR8200 Mark III: Ni-MH batteries, wall charger, auto (cigar lighter) power cable, telescoping antenna, MW bar antenna, belt clip, carry strap and manual.

**Free Memory Control Software** makes it easy to manage 1,000 alphanumeric memory channels, 40 search banks, 2 VFOs and all mode reception. Available for download from [www.aorusa.com](http://www.aorusa.com).

## SPECIFICATIONS

Receive frequency range:	500 KHz - 3 GHz (Cellular Blocked for US version)	
Receive modes:	WFM, NFM, SFM, WAM, AM, NAM, USB, LSB, CW	
Freq. step:	17 different steps including 1 MHz	
Sensitivity:	500 KHz - 1.9 MHz	AM 3.5 uV (10dB S/N)
	1.9 - 30 MHz	AM 2.0 uV (10dB S/N)
		AM 1.5 uV (10dB S/N)
	30 - 470 MHz	NFM 0.85uV (12 dB SINAD)
		WFM 1.0 uV (12 dB SINAD)
470 - 1,040 MHz	NFM 0.8 uV (12 dB SINAD)	
	1,040 - 2,040 MHz	NFM 4.5 uV (12dB SINAD)
	2,040 - 3,000 MHz	NFM 14 uV (12dB SINAD)
Selectivity:	SSB/NAM	3 KHz (-6dB) / 9 KHz (-40dB)
	AM/SFM	9 KHz(-6dB) / 20 KHz (-40dB)
	WAM/NFM	12 KHz(-6dB) / 25 KHz (-40dB)
	WFM	150 KHz(-3dB) / 380 KHz (-20dB)
Antenna connector:	BNC	
Impedance:	50 ohms	
Audio Output:	120 mW (8 ohm) 10% THD	
Power requirement:	9 - 16 V DC	
Current Drain:	190mA at rated output(120mW audio output)	
Operating temperature:	-5 to 50 degrees (C)	23 to 144 degrees (F)
Dimensions:	61(W) x 143(H) x 39 (D) (mm) Projections excluded	
Weight:	Approx. 340 g	Approx. 12 oz

## OPTIONS:

Slot cards (only one usable at a given time):
CT8200 CTCSS squelch and tone search
TE 8200 Tone Eliminator
AR8200 MKIII IR - Special US govt. only version with infra-red illumination (IR) of the display and operating keys
EM8200 expands memory to 4000 channels, 160 search banks.
VI8200 Voice Inverter (requires documentation in USA)

## CABLES:

CR8200 tape recording output cable
USB8200 computer connection for use in downloading control software
CC8200A computer control cable with level shift.

Cellular frequencies blocked on USA version; unblocked version available to qualified entities, documentation required. Due to ongoing product development, specifications subject to change without notice or obligation.

**AUTHORIZED DEALER:**



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