

Quality Equipment From Universal Radio



AR7030 PLUS



The **AOR AR7030+** is the latest result of a combined project between the AOR Company of Japan and a designer group in England. The AR7030+ represents the very latest and best design featuring exceptional strong signal handling and is bristling with enhanced features. The AR7030+ has been targeted to handle strong signals that are of prime concern to European listeners. It offers greater than +35dBm IP3 and 104dB dynamic range (SSB, 2.2kHz, 20/40kHz spacing). This coupled with excellent selectivity make the AR7030 a strong choice for the shortwave broadcast listener or DXer. Although performance is excellent, features have not been forgotten. You get: Synchronous AM, Passband Tuning, four levels of attenuation, dual VFOs and 24 hour clock-timer. The 400 scannable memories store frequency, bandwidth, PBS, Squelch and BFO settings plus alpha tagging. The mini headphone jack will accept a mono or stereo 3.5mm plug. The two line 48 character backlit LCD gives you the status of the receiver. The AR7030+ comes with four standard bandwidths. There is a 2.2 kHz filter for SSB. There is a Murata CFK455J 4.0 kHz for AM DXing (stated as 3 kHz by the Murata and displays/sounds like 3.7 kHz in this radio). There is a 5.5kHz AM filter and a 9.5 kHz filter for NFM. The supplied full-featured 32 button infrared remote provides access to virtually all facilities including: volume, tone, numeric keypad, memories, PBT, filter selection, etc. A remote RS-232 level port is also provided for computer control. Made in England. Includes 120 VAC adapter. **Order #3396 \$1499.95**

OPTIONS

Order#	Price	Item
◇ 1523	79.95	AOR CFJ455K8 Murata 1 kHz Filter
◇ 2371	59.95	AOR CFK455I Murata 4 kHz Filter
◇ 2146	59.95	AOR FL124 Daughter Board
◇ 0565	99.95	AOR MF300 Collins 300 Hz CW Filter
◇ 3852	99.95	AOR MF500 Collins 500 Hz CW Filter
◇ 2739	99.95	AOR MF4 Collins 4 kHz AM Filter
◇ 1215	99.95	AOR MF6 Collins 6 kHz AM Filter
◆ 0380	369.95	AOR LA380 Loop Aerial 0.01-500 MHz.
◆ 0174	89.95	AOR SM7030 Service Kit Includes PC diagnostic disk.
◇ 0889	339.95	AOR UPNB7030 NB and Notch Upgrade for AR7030+

LEGEND

- ◆ User installable
- ◇ Requires soldering or technical skill.



FDM77



The latest European technology is brought to the forefront by the cutting edge **ELAD FDM77**. This Italian-made, software defined shortwave receiver offers a host of advanced features coupled with exceptional performance. This multimode, continuous coverage receiver tunes 100 kHz to 60 MHz, employing a high dynamic range front-end with seven band preselection and preamplifier. Enjoy 1Hz to 1MHz tuning steps and keyboard direct frequency input. The triple conversion superheterodyne features IFs at 70 MHz, 455 kHz and 12 kHz. There are 10 kHz and 4 kHz ceramic and crystal filters on the 70 MHz and 455 kHz IF. Variable bandwidth on down to 500 Hz is supported on the 12 kHz IF. Modes of reception include AM, FM, CW, LSB, USB and DRM. Yes, DSP demodulators for all traditional DRM modes are provided. Support for DRM was engineered in from the beginning with a 12 kHz output to your PC sound card. See the Universal website for screen shots.

The FDM77 system includes: the radio, ELAD Windows™ XP/2000 software CD, 120 VAC power supply, audio cable and USB 2.0 cable.

Minimum and recommended PC requirements are: Pentium 700 MHz/ Pentium 4 @ 1.2 GHz, 128/512 MB RAM, 50 MB HD, 16-bit SoundBlaster compatible soundcard (Line or Microphone) without AGC, USB 1.0/2.0 and VGA 1024 x 768 pixel with 65.536 (16 bit) colors.

Order #0077 \$599.95

ASA15

The **Elad ASA15** distribution splitter and amplifier permits using up to five receivers from one antenna with minimal signal loss and with high isolation. The ASA15 handles signals from 9 kHz to 30 MHz (usable range is 9 kHz to 70 MHz). The ASA15 utilizes six SO-239 jacks (1 input and 5 output). Click here to view rear panel. The ASA15 features a master 15 dB input attenuator. Additionally, 12 dB of amplification can be independently selected to each of the five output jacks via switches on the front panel. Power plug only included. Requires 12 VDC (11-16 VDC) at 300 ma. (such as MFJ-1312D). Aluminum enclosure with plastic cover 200x50x200mm 800 g. Made in Italy. You can view this item on the Universal website.

Order #2160 \$289.95



The **RFspace SDR-14** is a 14-bit software defined radio receiver, offering a broad range of spectrum analyzer and demodulation capabilities. The hardware samples the whole 0-30 MHz band using a sampling rate of 66.667 MHz. The digital data from the ADC is processed into I and Q format using a direct digital converter (DDC) and is then sent to the PC for processing using a USB 1.1 interface. All of the demod and spectral functions are done on the PC side. Supported formats include USB, LSB, AM, FM, WFM, CW, CWR and DSB. Filter bandwidths are continuously adjustable. DRM is now supported via special demod mode using third-party software (DREAM) by routing the demod audio through the mixer control. The SDR-14 supports high resolution spectral captures using up to 262144 point FFTs. The maximum spectral display width is 30 MHz simultaneously. One of the most exciting features of the SDR-14 is the ability to record band segments of any band to hard drive in realtime. This is done at a rate of 52GB/day for a 150 kHz wide segment. The stored file contains everything that happened in that segment of the band for the duration of the recording. The fidelity of the file is superb with over 96dB of dynamic range. The recording can be played back at any time with full tunability and choice of modes. The recording can also be analyzed for hidden signals and carriers. The SDR-14 comes with AC power supply, USB cable and computer CD. Please visit the Universal website to view screen shots, spectrograms and complete specifications. See the December 2005 issue of *QST* for a review of this radio on pages 63-66. **Order #0014 \$999.95**

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Prices and specs are subject to change.
Prices shown are after mfg's. coupons.
Returns are subject to a 15% restock fee.

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- Glenn Hauser's DX Listener Digest
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- Glenn Hauser's Continent of Media
- Shortwave Receiver Survey

☞ **Prices shown are in USD and do not include shipping, Canadian taxes or fees. We are happy to provide shipping quotations.**



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