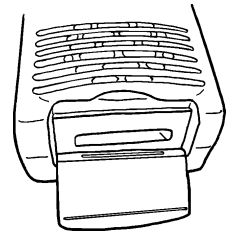




AR8200 OPTIONS



never before has one hand portable offered so much

The AR8200 has many new and exciting options which are easy to fit using a revolutionary new slot card system. Simply open the cover on the bottom of the unit and **slot in your choice of option**. **Slot cards also compatible with the AR8600.**

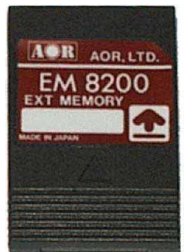
CT8200 optional CTCSS slot card

The CT8200 enables the AR8200 to search for 50 CTCSS tones which may be in use on the current receive frequency and to save a specific CTCSS tone (from the 50 tones available) into each VFO, each search bank and every memory channel individually. CTCSS is used by many amateur band repeaters, public utilities and private mobile radio services where shared resources are used, CTCSS ensures that operators only hear traffic intended for them.



EM8200 optional external Extended Memory slot card

The EM8200 enables the whole 1,000 memory channels in 20 banks and 40 program search banks to be backed up to the EM8200. In fact the EM8200 can hold the entire contents of the AR8200 including environmental operating data and band scope FOUR times in EM8200 locations 0, 1, 2 & 3. It is not necessary to save ALL data, you can specifically choose what data is to be backed up and to which location.



TE8200 optional Tone Eliminator slot card

The TE8200 enables the AR8200 to ignore certain transmissions which would otherwise stop the scan and search process. Constant tones are often transmitted by public utilities and railways making their transmissions troublesome and fatiguing to monitor without the use of the TE8200. There are 256 values for the tone eliminator ranging from 0 to 255 representing a frequency range of 0.4 to 4.2 kHz.

Note: The audio tone is not removed from the audio path to the speaker but are used as a squelch trigger so that scan and search functions resume automatically when the selected tone is encountered.



VI8200 optional Voice Inverter slot card

The VI8200 enables the AR8200 to recover intelligible audio from certain types of analogue transmissions which would otherwise sound scrambled. They operate by splitting up the audio spectrum and "flipping" the upper and lower tones around a certain frequency point. The VI8200 enables 157 different "flip points" to be selected in the frequency range of 2.4kHz to 5.6kHz.

Note: Although principally designed to descramble Japanese cordless phones, various UK PMR services use simple inversion (such as PMR446). If you hear a transmission which sounds like a 'speeded up tape recording of Donald-Duck' but you can recognise the occasional word, it will probably be simple inversion. If however you cannot understand a single word, it is likely to be a more complex form of inversion. Several customers have e-mailed zipped WAV audio files to us so that we can try to confirm compatibility prior to purchase, if you do forward a file, keep the size to no more than 1MB.



RU8200 optional Record & playback slot card

The RU8200 enables around 20 seconds of audio to be recorded to a chip within the RU8200 for playback at a later time. The chip may be recorded to time and time again over writing the previous recordings. The recordings may be played back over and over, very useful if you have grabbed an interesting recording! The RU8200 may be used in VFO, scan, search and memory read modes.

Note: When used with the **AR8600**, the RU8200 can be configured to effectively provide a *20 second continuous loop* recording.



