

by pressing L/O RVW and stepping through the channels with the arrow keys.

Squelch

GRE has chosen to allow quick access by a side-panel slide switch; choose a "HI" or "LO" setting depending on the severity of environmental electrical noise interference. An adjacent pushbutton allows a squelch defeat to listen for activity that might not have been strong enough to trigger the squelch.

If desired, the user can enter the proper CTCSS or DCS squelch code to prevent reception of co-channel interference. Don't know the code? The PSR-120 will decode it for you.

Weather Alert

SAME/FIPS encoding for specific cities or counties can be custom selected, providing an alert tone during storm threats. A pushbutton press starts the automatic search for active NOAA weather channels in your area.

Key Tone

Some people like to hear a "beep" when they press a function key, some don't. The feature can be quickly turned on or off by simply pressing either the 1 or 2 key while the welcome message is showing at power turn-on.

Key Lock

To prevent accidental bumping a key and changing the function, simply press the FUNC



(function) and key symbol. This doesn't change any function currently engaging the scanner, but merely deactivates the other keys. Repeat the two-key sequence to restore normal key operation.

Backlight Control

The backlight comes on when the power is switched on and it remains lit for five seconds. It can be turned on again at any time by pressing the LIT key, and may be switched on indefinitely by holding down the LIT key for at least one second. Another press shuts it off. Turning the power off will also deactivate the extended light time when the power is switched back on.

Data Cloning

A PC/IF connection permits the transfer of programmed data to another PRS-120. The two scanners may be interconnected by a cable (not supplied) which is terminated with 3.5 mm (1/8-inch) phone plugs.

The clone command is prompted by press-

ing the FUNC and CLONE keys, then initiated by pressing an arrow key.

Reinitializing your Scanner

As all of us have learned in the computer age, sometimes things just don't go right. If the scanner misbehaves or locks up, a key sequence allows the scanner to be reinitialized. This does, however, clear all stored memory information, so the procedure should be done only as a last resort.

The Bottom Line

The only criticism I can offer on this new product is the small key size. Users with jumbo fingers may find them hard to press. I often used just a fingernail tip to avoid pressing two keys at once.

I found the GRE PSR-120 to be intuitive to use once I understood the flow of the operation. Sensitivity is what I would expect on any hand-held radio with a short antenna.

Audio was excellent and, as pointed out earlier, there was never any doubt about what frequency I was listening to because of the large size of the numerals on the display. I also liked the Spectrum Sweeper, a handy function for unknown territory.

I have no reservations about giving this nice unit a high grade. The GRE PSR-120 will be available in the second quarter. Pricing has not yet been announced, but we are anticipating it will be a pleasant surprise.

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The **Kenwood TH-D72A Data Communicator** has an integrated GPS receiver and built-in TNC to provide superior APRS® operation. Other features include: 1000 alpha memories, 9 scan modes, CTCSS/DCS, cross-tone, waypoint export, DX cluster tune, clock, band mask, call channel, monitor, auto power-off, MHz mode, shift, VOX, auto repeater offset, simplex checker and ten DTMF memories.

TM-281A



- Weather Alert
- Front Speaker
- DTMF Hand Mic
- Built-in TCXO
- FM Nar. Ready
- DTMF Hand Mic
- 200 Reg Memories or
- 100 Alpha Memories
- PL Decode/Encode
- DCS Decode/Encode
- MIL-STD 810 C/D/E/F
- Wide/Narrow Deviation

The **TM-281A** provides a big 65 watts output and is built MIL-STD 810 C/D/E/F tough. This radio has NOAA weather built in with alert tone. You get 200 memory channels (or 100 alphanumeric), CTCSS, DCS and 1750 Hz tone burst. It scans: VFO, program, memory, group, call scan, tone scan, CTCSS and DCS. It has Wide/Narrow deviation and automatic repeater offset. With illuminated DTMF mic.

TS-590S



The **Kenwood TS-590S HF+6 meter amateur transceiver** has the best dynamic range in its class when handling unwanted adjacent off-frequency signals thanks to a down-conversion receiver, narrow first roofing filter and dedicated first mixer. Having the 6 kHz first roofing filter directly after the mixer enhances the noise blanker's ability to deal with adjacent signals. The result is excellent receive performance, revealing signals that would be hidden to lesser rigs. Covering 160 to 6 meters with 100 watts, this radio features: automatic tuner, RIT/XIT, keypad entry, full & semi break-in, NR, 10 Hz dual VFO display, USB port, dual quiet low RPM fans and is *SkyCommand II* ready. Call or visit the Universal Radio website for more info and current pricing.



Universal Radio, Inc.
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