

DR 22C General Coverage Receiver



The DR22 is the product of years of receiver research and development. Many of the latest advances in receiver design are incorporated into the fully solid state DR22.

Today's listening needs are very demanding upon receiver design. High sensitivity is no longer the only requirement. With today's high powered Long, Medium and Short Wave broadcasting transmitters, high level signal rejection on unwanted frequencies is becoming extremely important. The DR22 has been designed with this concept in mind. Not only does the DR22 offer high sensitivity for weak signal reception, but special design, care and expense has been taken to eliminate front end overload caused by powerful stations on adjacent frequencies.

The DR22 is built using a high level front end. A high powered transmitting transistor is used as the RF amplifier. This transistor is followed by a high level double balanced mixer for the first frequency conversion process. Use of a high level first mixer provides overload immunity not found in lesser receiver designs.

Most current communications receiver designs require the operator to adjust a pre-selector or antenna tuning control when the receive frequency is changed. Not so

with the DR22. High level front end design allows immediate frequency changing without re-peaking controls at each new setting.

Scanning the International Short Wave Bands is a dream with the DR22. With each click of the 20 position selector switch, another assigned channel is exactly tuned in. Guessing at your received frequency is eliminated. Merely set the four selector switches for the desired readout frequency, and it is automatically and accurately tuned in. All DR22 tuning is fully based on quartz crystals which provide extreme frequency accuracy and freedom from drift as compared to conventional coil and variable capacitor tuning arrangements. Solid state phase locked tuning virtually eliminates dial error, tuning backlash and frequency drift. Short Wave reception has now truly been made care free and accurate. Tuning in Short Wave broadcasts from around the world is as easy as tuning in a channel on your TV set.

With the DR22, the time has finally come when reception of the rest of the world is not only practical, but within the financial reach of the average person.

MK McKay Dymek

Your HF Headquarters

