Improved Operation for
COLLINS 75 S-1 and KWM-2/2A

WATERS
"CHANNELATOR"® — Model 349

The Channelator is a crystal-controlled "external PTO" providing up to six preselected EXACT crystal frequencies. With Channelator operation frequency problems are eliminated on nets and round tables since BOTH receiving and transmitting frequencies are crystal-controlled. Novel oscillator circuit together with Waters special crystals permits "pulling" of the crystal to an EXACT frequency. The built-in heterodyne frequency meter provides precise measurement of each crystal. A function switch selects normal PTO or Channelator crystal operation as well as "split channel" use.

WATERS
Q-MULTIPLIER/NOTCH FILTER

The Waters Q-Multiplier/Notch Filter eliminates heterodynes and other unwanted signals in the IF passband. By combining an isolating amplifier and a tunable LC Bridge-T network with a Q-Multiplier, it provides a deep transmission null or notch of over 40 db, tunable across the entire passband. Operating with only a single tuning control on the front panel, the Q-Multiplier/Notch Filter becomes an integral part of the 75S-1 or KWM-2/2A. Escutcheon plates and knobs are matched to the Collins panel and no drilling of the panel is required. Operates in fixed or mobile service with any standard Collins power supply.

SPECIFICATIONS, 337-SIA (for Collins 75S-1) Center Frequency: 455 KC nominal. Notch Depth: Greater than 40 db. Notch Tuning Range: 2.5 KC. Power: (from 75S-1) .3 a @ 6.3 v, 1.5 ma @ 140 v. Price: $39.95

340-A (for Collins KWM-2/2A)
Center Frequency: 455 KC nominal. Notch Depth: Greater than 40 db. Notch Tuning Range: 2.5 KC. Power: (from KWM-2/2A) .3 a @ 6.3 v, 1.5 ma @ 275 v. Price: $53.75

WATERS
"EVT" ELECTRONIC VERNIER TUNING

The "EVT" provides a 20-to-1 tuning ratio reduction on the KWM-2/2A. A stable, solid state varactor tuning device it attaches to the PTO without wiring change. Tuning range of ±500 cycles from any PTO setting. Complete with matching escutcheon plate, knobs, hardware, instructions, etc.

Model 354: For KWM-2A without Waters Q-Multiplier/Notch Filter. For KWM-2 when equipped with Q-Multiplier/Notch Filter. (337-M2 or 340-PT)
Price: $23.95

Model 355: For KWM-2 without Waters Q-Multiplier/Notch Filter or with Model 34D-A Q-Multiplier/Notch Filter.
Price: $21.95

WATERS UEW 572B
HIGH POWER AMPHIFIER TRIODE

The UEW572B is a zero bias power triode ideal for use in grounded grid amplifiers. Built in a hard glass envelope with heavy graphite plate, the UEW572B has a plate dissipation of 160 watts. It is directly interchangeable with 811-A tubes and one 572B is the equivalent of two 811-A's. Complete operating data including ratings and general characteristics will be sent on request. Price: $13.95

WATERS UEW 3828
XENON FILLED RECTIFIER

The UEW3B28 is a half wave, hot cathode, Xenon filled rectifier tube directly replacing the 866A. The UEW3B28 operates over a wide temperature range without heating or cooling and does not require prolonged conditioning before application of plate voltage. "Hash filters" are not necessary. Complete operating data will be sent on request. Price: $6.40