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ACOM 1006 50 MHz Amplifier £2169.95

DESCRIPTION

The ACOM 1006 6m Linear Amplifier is an improvement on the world's best value in amateur HF amplifier, the ACOM 1000. The ACOM 1006 gives you a comfortable 1000 watts output on 6 metres amateur bandwidth.

Easy to operate The plate-load True Resistance Indicator (TRI) is a powerful tuning aid which, together with the automatically controlled input attenuator, helps the operator to quickly and precisely match antennas (5-10 seconds typically). The auto-operate function (when enabled) maintains the amplifier in OPERATE mode for you, thus saving manual operations and time.

No antenna tuners The amplifier will perform the functions of an antenna tuner for VSWR up to 3:1, thus enabling you to change antennas faster and use them over a wider frequency range, saving tuning time.

User-friendly An amplifier that is both user-friendly and that looks after itself. It is designed to safely withstand up to 500W reflected power, up to 100 milliseconds duration of drive spikes, drive RF "tails" after a PTT or KEY release, operator's inadvertent tuning errors etc. It would also not cease to function with a "soft" AC line and would deliver more than half power at only 75% of nominal mains voltage. Withstands up to 10 milliseconds (down to zero) voltage drops, and up to +15% line voltage spikes - important particularly when used at field days, Dxpeditons, etc.

LCD comment display Text messages, 12 parameters, and strip peak-reading PEP meter displayed on a dot-matrix, back-lighted LCD. LED indicators are provided for OPERATE, attenuator-on, and ON/OFF conditions.

Easy maintenance Signatures of the amplifier internal status are stored in a nonvolatile memory for 7 most recent auto protection trips. This information is used for diagnostics.

Virtually silent QSK The input bypassing and the vacuum antenna relays are very quiet even in CW mode due to their special mounting.

Broadband input matching Resulting in very good load to the transceiver over the entire spectrum 1.8-54MHz.

Single 4CX800A (GU74B) A Svetlana high performance ceramic-metal tetrode with plate dissipation of 800W is employed (forced air cooling, grid-driven).

Tube protection Permanent monitoring and protection of plate and grid voltages and currents, as well as of the exhaust temperature.