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ACOM 1500 HF & 6m Linear Amplifier £3099.95



DESCRIPTION

The ACOM 1500 HF & 6m Linear Amplifier, Easy to operate The TRI is a powerful tuning aid that, together with the automatically controlled input attenuator, helps the operator to quickly and precisely match the antenna impedance to the optimum tube load impedance (5-10 seconds typically). The auto-operate function (when enabled) maintains the amplifier in the OPERATE mode for you, thus avoiding unnecessary manual operations.

No antenna tuners No heavy outboard antenna tuners required for antenna VSWRs up to about 3:1. Your amplifier will enable you to change antennas virtually instantaneously and allow you to use your antennas over wider frequency ranges.

User-friendly An amplifier that is both user-friendly and that looks after itself. It is designed to safely withstand up to 300W 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. The amplifier also will not cease to function with a "soft" AC mains and will deliver more than half power at only 85% of nominal mains voltage. It can withstand voltage drops (down to zero Volts) for up to 10 milliseconds and can tolerate 15% mains voltage spikes, which is especially important on Field Day, during DXpeditions, and at portable operating events where emergency power is relied upon.

VFD comment display All amplifier status indications are explained via detailed text displayed on the dot matrix, high brightness vacuum fluorescent display (VFD). The upper line on the VFD always reads peak forward power. LED indicators are provided for: OPERATE mode, attenuation-on, transmit, selected antenna output, and ON/OFF conditions.

Three antenna outputs Three antenna outputs are selectable using a push-button on the front panel.

Easy maintenance Data regarding amplifier internal status is stored in a nonvolatile memory for 7 of the most recent auto protection trips. This information can be forwarded to your dealer for diagnostics.

Virtually silent QSK The input bypassing and vacuum antenna relays are virtually silent even in the CW QSK mode thanks to specially designed mounting hardware.

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

Single 4CX1000A tube Uses a ceramic and metal radial beam tetrode with plate dissipation of 1000 W which is specially designed for class AB1 RF linear amplifier operation.

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