

# STATION MASTER

**Programmable Automatic/Manual Antenna, BPF, Rotator and Power Amplifier controller with Multi Sequencer in one box.**



## General:

- Twenty (20) programmable relay outputs
- Integrated level converter for transceiver's computer CAT port
- Supports all bands of attached transceiver, including 75m, 60m, VHF/UHF
- Unlimited number of custom defined frequency segments
- Single USB connection to computer
- Internal Rotator controller with advanced functions
- Unique Virtual Rotator function
- Separate RX/TX antenna support
- Automatic receive antenna Scan function
- Programmable sequencer
- Support for Automatic Power Amplifiers
- Easily integrates with microHAM "keyers" MK, DK, CK, MKII and MK2R/MK2R+
- Proprietary support for SteppIR antennas including automatic tuning and "hot tune" protection
- Hot Switch protection with user defined timing
- TX Inhibit output support for Yaesu's transceivers
- Support for "receive only" antennas
- Optical isolation from computer
- PS/2 keyboard or keypad support
- Integrated chokes and filters for maximum RFI immunity
- Metal/Aluminum case, powder coated and silk screened
- Free, no time limit firmware/software upgrades via Internet

## Outputs:

- Sixteen programmable relay outputs in two banks (10+6)
- Each output bank independently configurable for internal/external power and common ground or common source
- Compatible with any remote antenna switches using common ground (TopTen Devices) or common source (microHAM, Ameritron, Comtek, DX Engineering, etc.)
- Compatible with all automatic BPF on the market
  
- Four general purpose with isolated relay contacts
- Relay outputs compatible with AC or DC controlled antennas up to 48V

## Sequencer:

- Any number of 20 outputs can be used as sequencer outputs
- Independent settings of Lead and Tail delay for each sequencer output
- INHIBIT output for additional level of protection

## Internal Rotator Control:

- Three (3) programmable SPDT relay outputs
- Configurable support for BRAKE or SPEED
- Support for multi-turn rotators
- Support for rotators with analog (pot) or pulse azimuth indicators
- Programmable software limit switches
- Dead zone definition
- Point and shoot operation
- Target finding strategy selection
- Automatic "hold" for "slipping" rotators
- Four memories for most often used azimuths
- Automatic azimuth control from logger

## Virtual Rotator Control:

- Unlimited number of antennas can be joined into one Virtual Rotators
- Programmable azimuth ranges for each Virtual Rotator antenna
- Automatic azimuth control from logger
- Unlimited number of Virtual Rotators per Band

## Power Amplifier Control:

- Automatic tuning for CI-V controlled Automatic Power Amplifiers or Antenna Tuners
- Programmable CI-V address and Baud Rate
- Automatic band switching for BCD controlled Automatic Power Amplifiers
- Programmable BCD code output for each frequency segment (band)
- Programmable automatic "Stand By" for selected bands
- Programmable automatic "PA ON/OFF" output for defined bands
- Support for QSK Power Amplifiers

**\$399**

introductory price

**microHAM**

[www.microHAM-USA.com](http://www.microHAM-USA.com)