

# ACOM 2S1

AUTOMATIC XCVR COMMUTATOR



The ACOM 2S1 is a TX/RX commutator that allows two transceivers to use a common load. It guards each transceiver's input while the other transceiver transmits, prevents simultaneous transmission and allows simultaneous reception.

The ACOM 2S1 is especially designed to complete the ACOM 2000S/SW automatic antenna selector (plus ACOM 2000SW remote switch) and the ACOM 2000A automatic HF linear amplifier. Nevertheless, it may be used to commutate the antenna only, or can be adapted in other systems too. Operation is fully automatic and the full break-in (QSK) mode is standard.

### FEATURES

- Frequency coverage: all amateur bands 1.8 - 54 MHz
- Fully automatic.
- Input and output impedances:  
50 Ohm nominal, unbalanced, UHF (SO239) connectors.
- QSK in CW mode is standard.
- Up to 200W through-line power.
- VSWR below 1.1:1 (1.8-54 MHz); below 1.2:1 up to 80 MHz.
- Single 12-14 VDC/30mA power supply (fed from transceivers)
- Size: W 110mm x D 42mm x H 67mm (4-1/3"W x 1-2/3"D x 2-2/3"H)
- Weight: 350 gr (including cables).

### PROTECTIONS

- One transceiver's input is grounded while the other transceiver transmits.
- Simultaneous transmission is prevented.
- T/R sequencing and RF relay contacts are continuously monitored.

#### ACOM OOD