



ANTENNA ■ Accessories

**Automatic Switch,
Switching Matrix and
Antenna Splitters for RX
and RTX Applications**



ASW

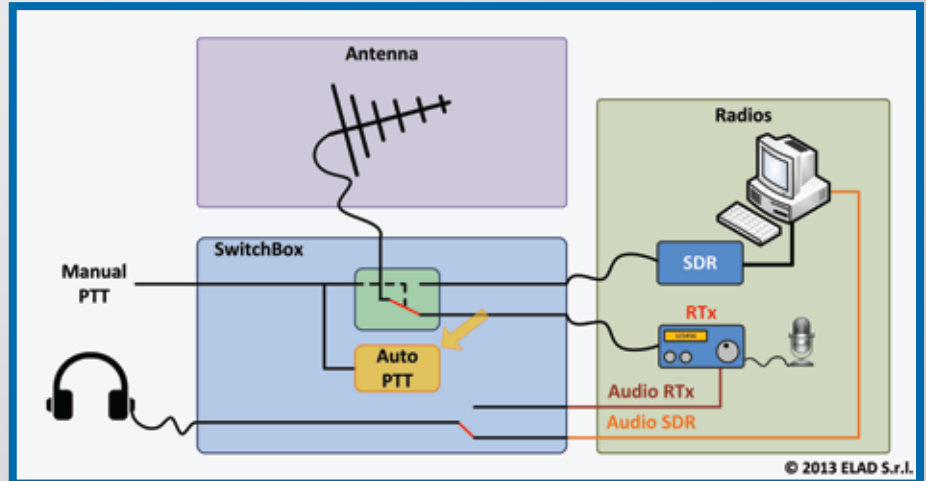
RF & AF - RX/TX AUTOMATIC EXCHANGER

SWITCH BOX is an automatic T/R switch senses transmitted RF (100W max) and switches your antenna from receive to transmit using a relay. It shorts your receiver antenna input to ground to protect your receiver. Instead of using RF sense to switch the antenna, a control line input lets your key/keyer or PTT line switch the antenna. Works on all modes: CW, AM, SSB, FM, and digital modes.

A complete switch control is available for the audio path of receiver and transceiver, for MUTE the receiver and monitoring your CW Sidetone or SSB coming from the transceiver MONITOR function.

Using CAT of your RTX, with third parts software which provide a SYNC function between RTX and your SDR, you can make an outstanding and high performance transceiving operations.

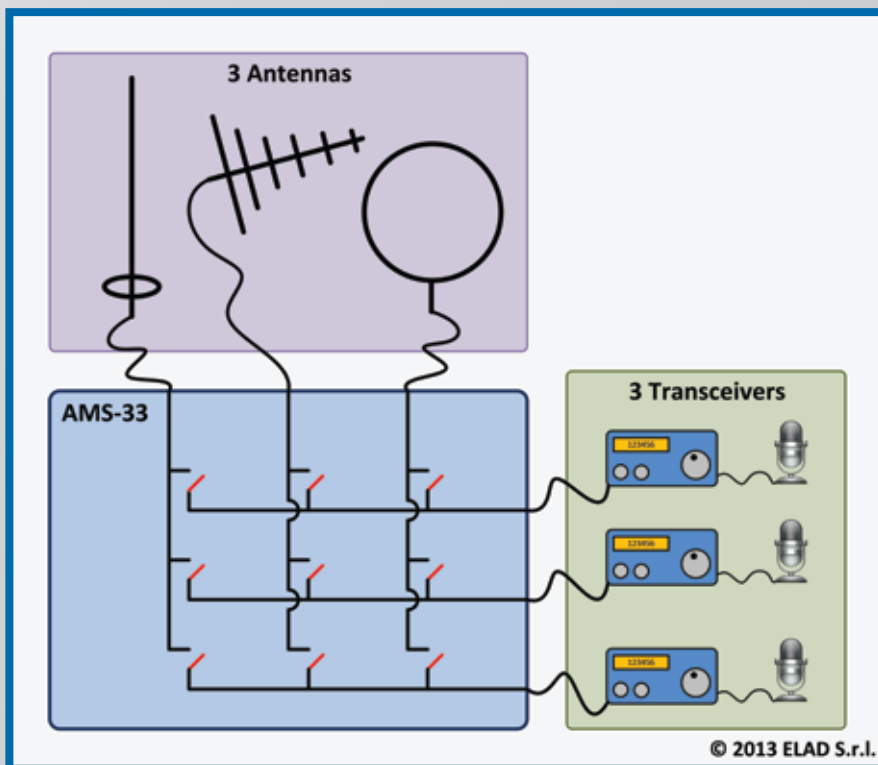
SWITCH BOX is compatible with any receiver and any HF transceiver or HF transmitter.



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AMS-33

3 X 3 HF SWITCHING MATRIX



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The **AMS33** Switching matrix allow fast and flexible multiple antenna and transceiver connections. High technology and experience of ELAD in professional market allowed the development of this compact and high performance solution. Inputs and outputs are symmetrical, so IN and OUT can be exchanged. All 3 inputs are equipped with a surge protector to perform a first over-voltage protection.

- Can be used for 3 antennas and 3 transceiver
- Usable from DC to VHF, individually tested
- Led indication for active connection
- Microcontroller with clock on in stand-by
- Low insertion loss (< 0.2dB on HF band)
- Usable power up to 1.5kW SSB, 800W CW, 500W FM
- Gas discharge protection on inputs
- Power supply 12 Vdc (10-16Vdc) <400mA included
- Aluminium case with front and rear rubber covers
- Compact size 199(W) x 62(H) x 199(D) mm.
- Weight 1100 gr.

ASA-15

1 IN 5 OUT ANTENNA SPLITTER AMPLIFIER

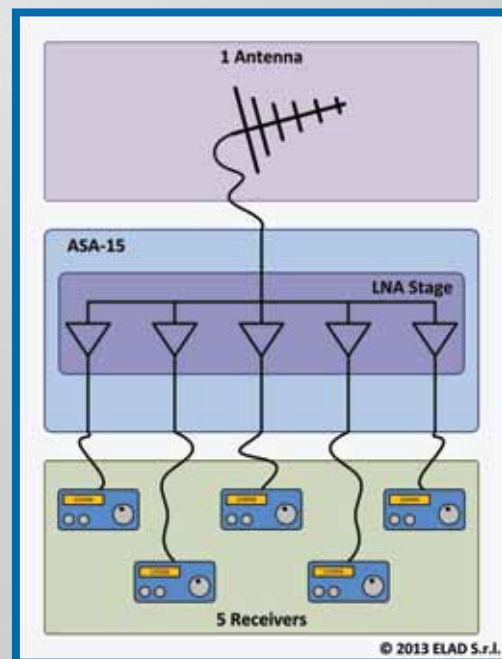
The **ASA15** Splitter Amplifier has been designed to split the signal received from an antenna to up to five different receivers at the same time. Thanks to the inside divider, ultra wideband low noise amplifiers the antenna signal can be shared with the receivers connected with the five outputs.

On the five outputs a 0 dB (no amplification) or 12

dB amplification is available to eventually compensate for long distribution cable losses, or to increase weak signals. Thanks to the insertion of a 15 dB attenuator near high power sources radiomonitoring is allowed.

Not suitable to use with transceivers.

- RF box: aluminium extruded box with rubber protection
- Measures: 200 X 190 X h 65 millimetres
- Weight: 1.000 grams
- Power supply: 11 ÷ 15 V D.C.
- 1 SO-239 connector RF IN (antennas)
- 5 SO-239 connectors RF OUT (RX)
- A power ON led
- 1 ON/OFF switch (with relevant LED) for the insertion of a 15dB attenuator on the incoming signal
- 5 ON/OFF switches (with relevant LEDs) for the insertion of a 12dB amplification on each one of the outputs
- Frequency range: 9 KHz ÷ 70 MHz usable to VHF
- Ultra wide bandwidth ultra low noise amplifiers (AD 8099)
- System impedance: 50 Ohm



ASA-42

4 IN 2 OUT ANTENNA SWITCH



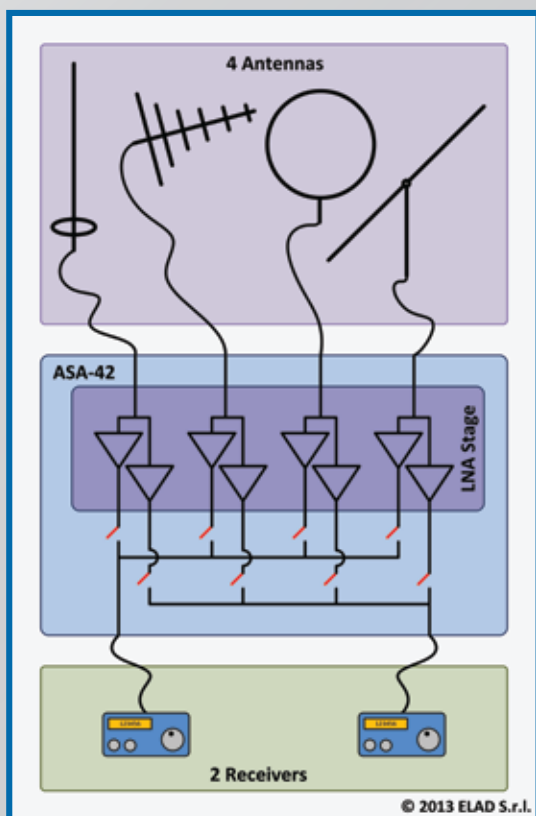
The **ASA42** Splitter Amplifier has been designed to split the signal received from four antennas to up to two different receivers at the same time.

The front panel leds indicators allow to keep immediately under control the configuration.

Thanks to the inside divider and the ultra wideband low noise amplifiers, the antenna signal can be shared with the receivers connected with the two outputs.

Not suitable to use with transceivers.

- RF box: aluminium extruded box with rubber protection
- Measures: 200 X 190 X h 65 millimetres
- Weight: 1.000 grams
- Power supply: 11 ÷ 15 V D.C.
- 4 SO-239 connectors RF IN (antennas)
- 2 SO-239 connectors RF OUT (RX)
- Gain: 0 dB
- Frequency range: 9 KHz ÷ 70 MHz usable to VHF
- Ultra wide bandwidth ultra low noise amplifiers (AD 8099)
- System impedance: 50 Ohm





← ASA-62

6 IN 2 OUT ANTENNA SWITCH

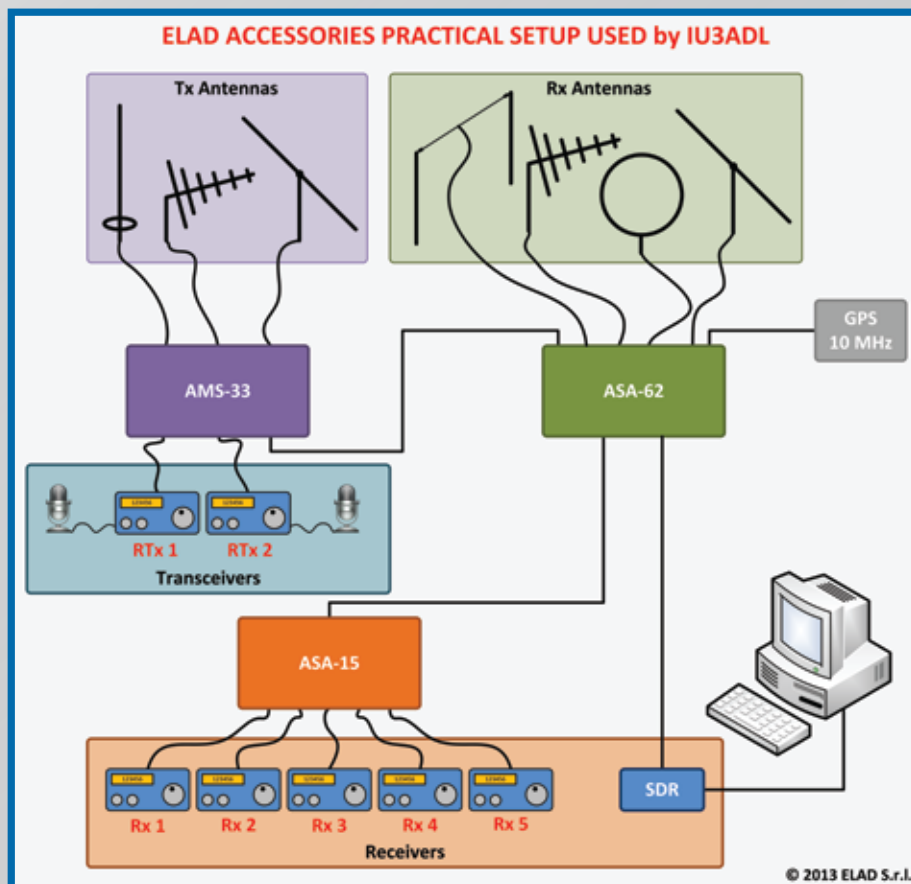
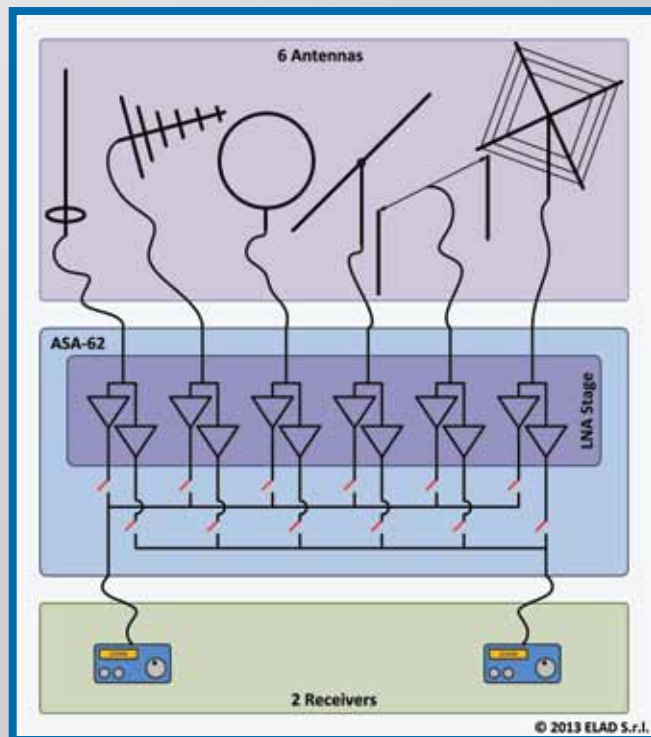
The **ASA62** Splitter Amplifier has been designed to split the signal received from six antennas to up to two different receivers at the same time.

The front panel leds indicators allow to keep immediately under control the configuration.

Thanks to the inside divider and the ultra wideband low noise amplifiers, the antenna signal can be shared with the receivers connected with the two outputs.

Not suitable to use with transceivers.

- RF box: aluminium extruded box with rubber protection
- Measures: 200 X 190 X h 65 millimetres
- Weight: 1.000 grams
- Power supply: 11 ÷ 15 V D.C.
- 6 BNC connectors RF IN (antennas)
- 6 BNC connectors RF OUT (RX)
- 1 DB9 connector (remote)
- Gain: 0 dB
- Frequency range: 9 KHz ÷ 70 MHz usable to VHF
- Ultra wide bandwidth ultra low noise amplifiers (AD 8099)
- System impedance: 50 Ohm



All stated specifications and other product information provided in this document are subject to change without notice or obligation.

Made in Italy