

# **AS-603AL ANTENNA SWITCH**

## **Operation Manual**



**V. 1.4**



## **AS-603AL**

### **Automatic Antenna Switch 6x3**

The AS-603AL is an automatic antenna switch for three radios and six antennas. It has internally two independent keys. One to select the radios and another to select the antennas. Between these two switches it is possible to insert a linear amplifier or a wattmeter, or both. In this way these equipments will always be connected with the Radio and the antenna selected. The operation is individual, which means that only the selected radio will have access to the antennas. Unused antennas are automatically grounded.

To facilitate the operation, the AS-603AL also has a third internal switch that switches the Send commands and the Com port to the selected Radio.

The AS-603AL supports communication with the following radios:  
Icom (CI-V), Kenwood (RS-232), Elecraft K3 (RS-232), Yaesu (RS-232) or any other Radio that uses one of these communication protocols.

#### **Procedure for connecting the AS-603AL to the radio:**

- 1- On the **AS-603AL** press and hold the yellow radio select Push button and turn on the **AS-603AL**.  
Note that the red **SPLIT LED** starts blinking.  
**You are now in Choice mode.**
- 2- Then press the white Push Button corresponds to the model of the radio that you will connect, according to the list below;

<b>a- Ant 1</b> Push Button for Icom (CI-V) radios	<b>Baud rate 19200</b>
<b>b- Ant 2</b> Push Button for Yaesu type FT-817, FT-857 and others.	<b>Baud rate 4800</b>
<b>c- Ant 3</b> Push Button for Yaesu type FT-1000 MP radios and others.	<b>Baud rate 4800</b>
<b>d- Ant 4</b> Push Button for Yaesu type FT-5000 radios and others.	<b>Baud rate 4800</b>
<b>e- Ant 5</b> Push Button for Kenwood, Elecraft, Flex Radio, and others.	<b>Baud rate 4800</b>

After the choice, the Split mode indicator LED stops blinking, this indicates the end of this procedure.

#### **Procedure to use the AS-603AL Split mode**

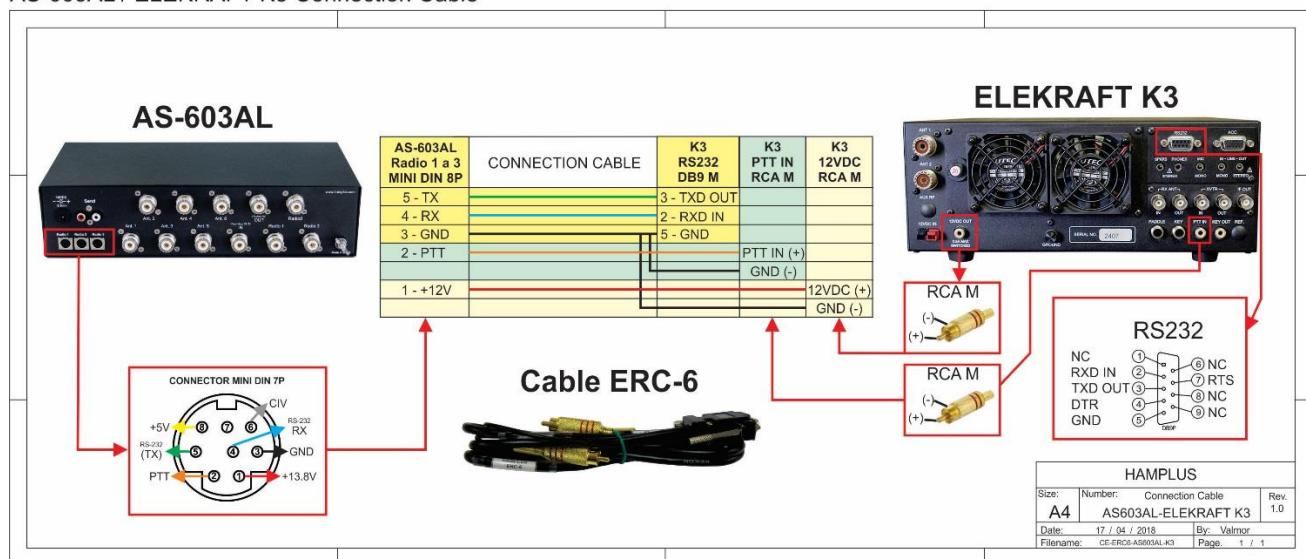
To use Split mode the AS-603AL must be connected to the radio with the proper cable.

- 1- Press the PTT of the radio and watch the AS-603AL's Send LED indicator light up.  
Then with the PTT still pressed, choose the receiving antenna. At this time the Split indicator LED lights up.  
When the PTT is released, the AS-603AL will switch to the chosen receiving antenna.  
Any change of antenna or band on the radio deactivates Split mode.

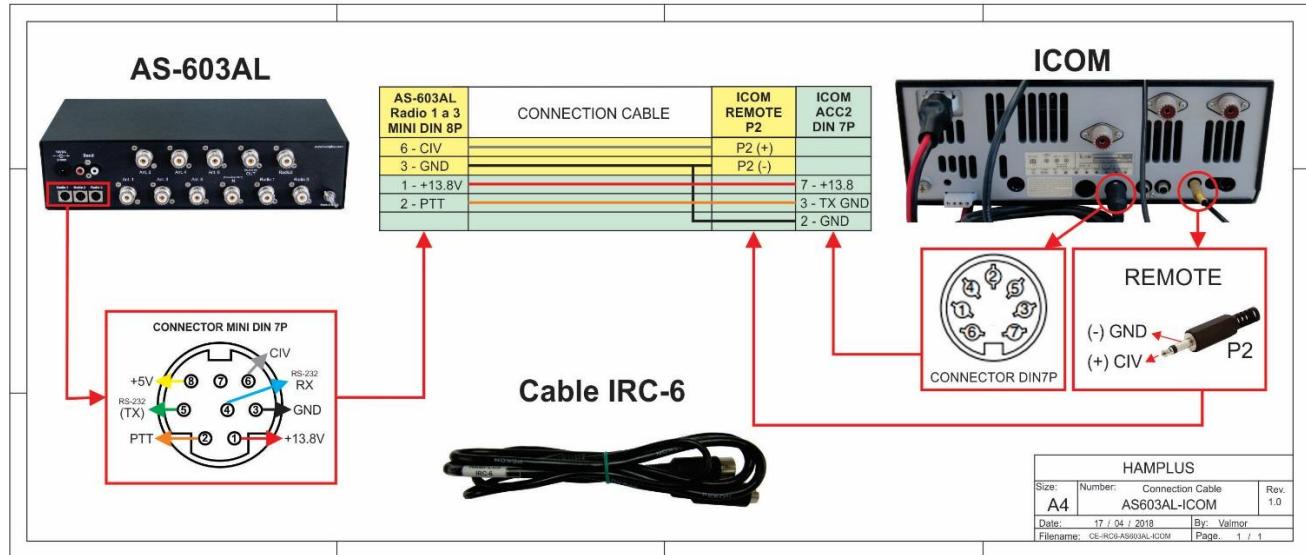
### AS-603AL - IDENTIFICATION PIN



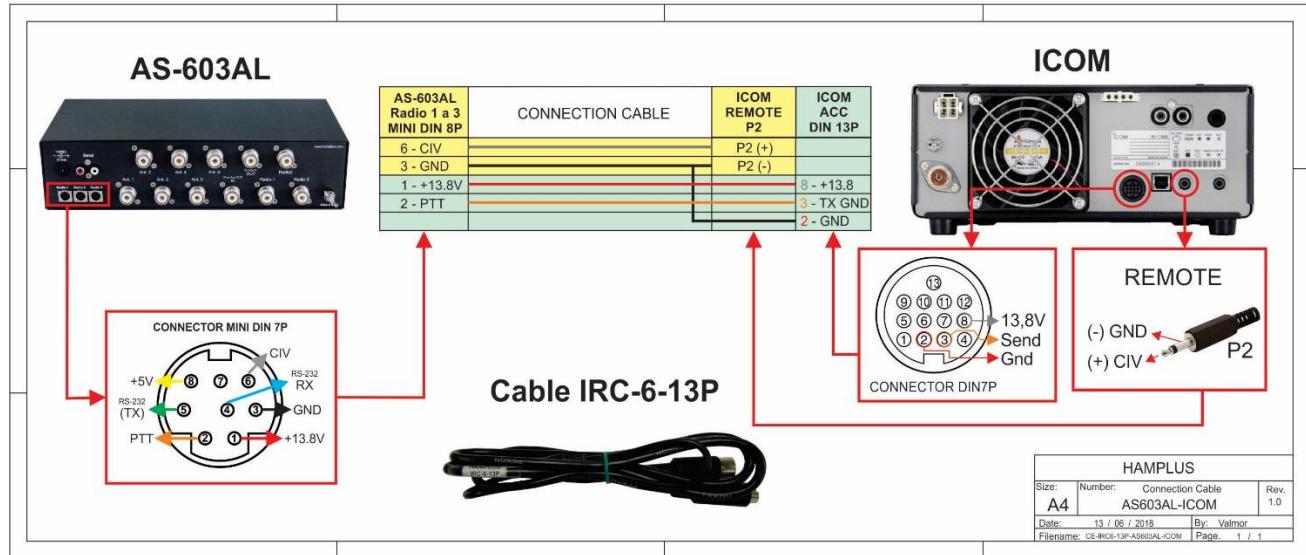
### AS-603AL / ELEKRAFT K3 Connection Cable



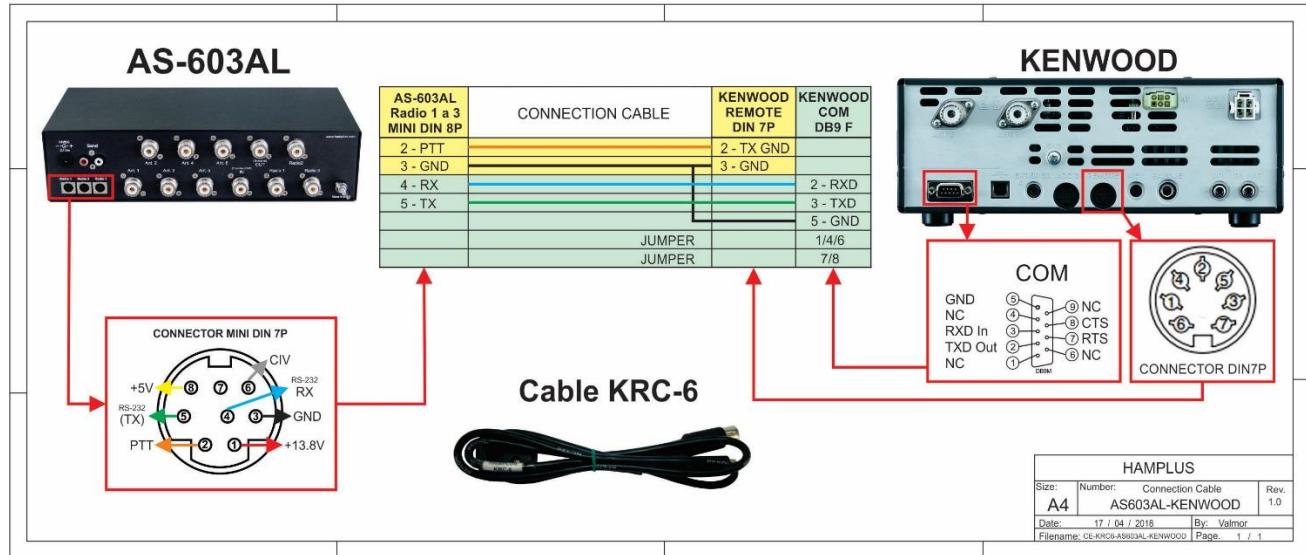
### AS-603AL / ICOM Connection Cable



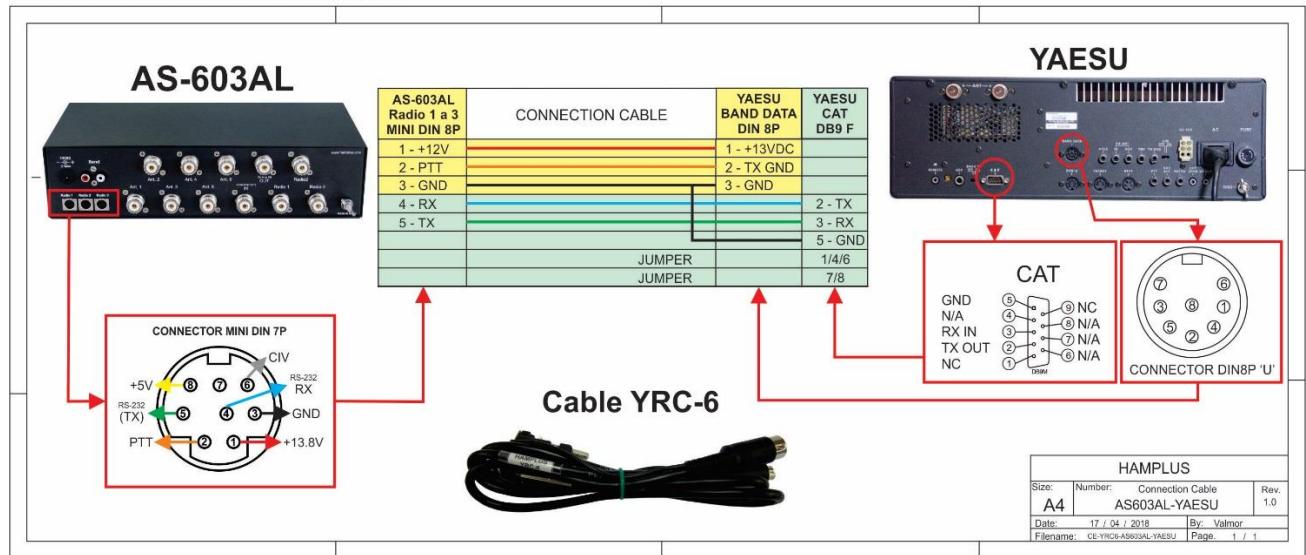
### AS-603AL / ICOM Connection Cable



### AS-603AL / KENWOOD Connection Cable



### AS-603AL / YAESU Connection Cable



AS-603AL / YAESU-FT817 Connection Cable

