

# AS-61WL / RC-603WL ANTENNA SWITCH

## Manual Connection Cable



V. 1.1

## AS-61WL / RC603WL

Automatic Antenna Switch 6x3

The AS-61WL is an automatic antenna switch for three radios and six antennas. There are two independent boxes, one for the antenna switch that is near the antennas, AS-61WL, and another box with the Push Buttons for the selection of the antennas and the Radios, RC-603WL that is next to the Radio. The connection between the two boxes is only made with the RF cable (RG-58 or RG-213). This cable takes RF, power and the necessary commands for the perfect operation of this system. The RC-603WL also allows the insertion of 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 short circuited.

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

The AS-61WL / RC-603WL 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 choosing the radio

#### 1- First enter the mode of choice.

On the RC-603WL press the yellow button corresponding to the chosen radio and turn it on.

You are now in Choice mode.

#### 2- Press the white key corresponds to the radio model you are going to use

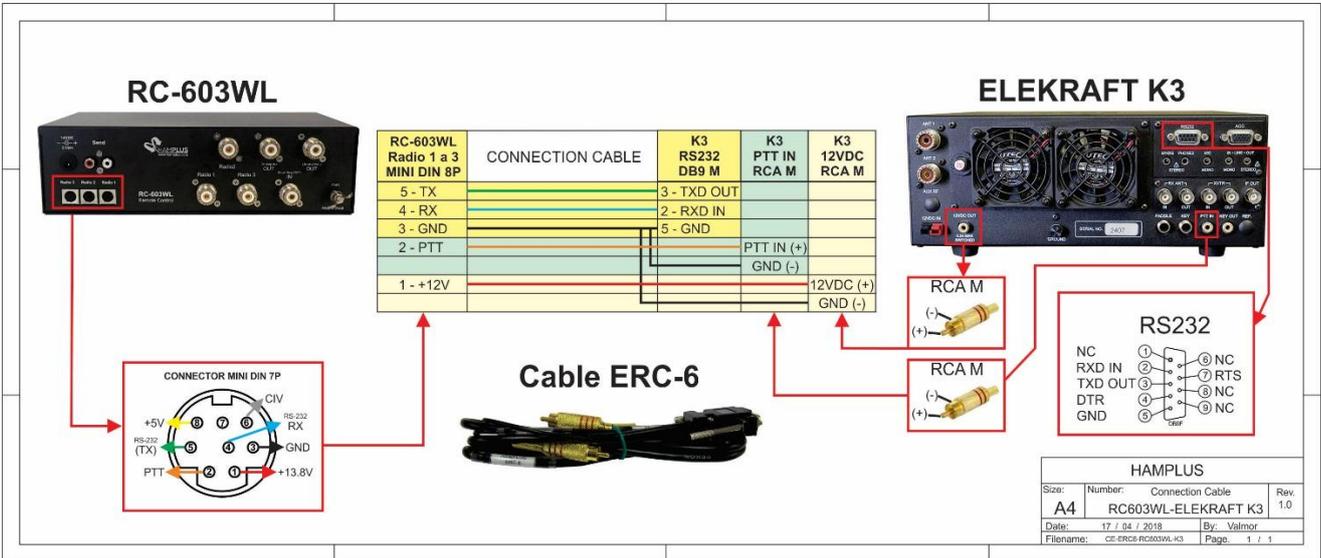
- a- **Button 1** for Icom radios (CI-V) **Baud rate 19200**
- b- **Button 2** for Yaesu type FT-817, FT-857 and others. **Baud rate 4800**
- c- **Button 3** for Yaesu type FT-1000 MP radios and others. **Baud rate 4800**
- d- **Button 4** for Yaesu type FT-5000 radios and others. **Baud rate 4800**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

The radio is now connected.

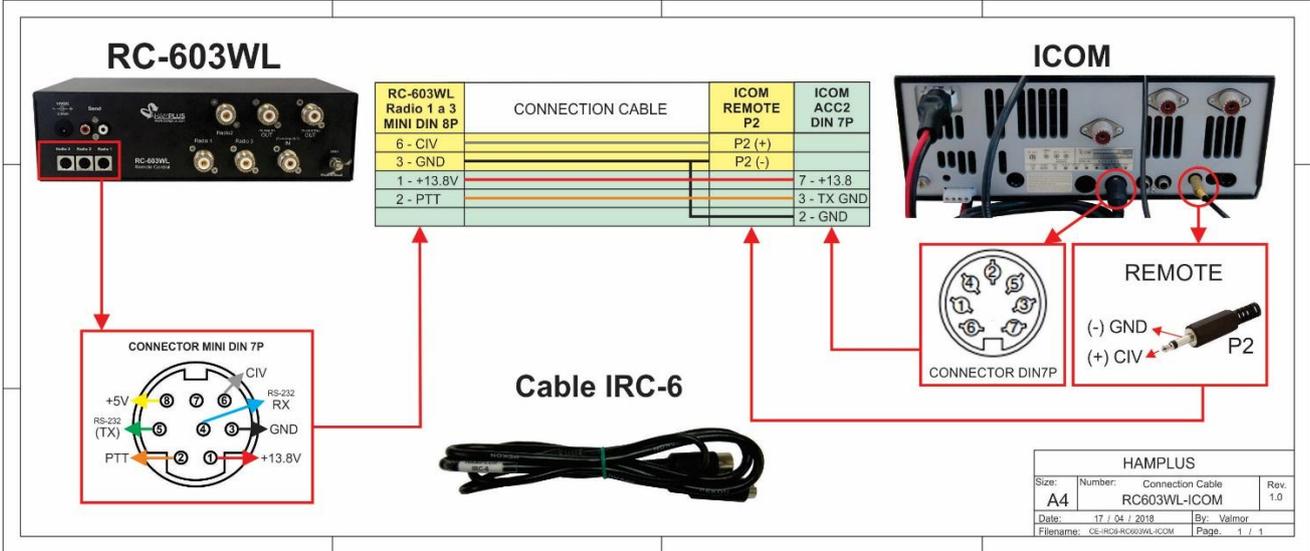
RC-603WL - IDENTIFICATION PIN



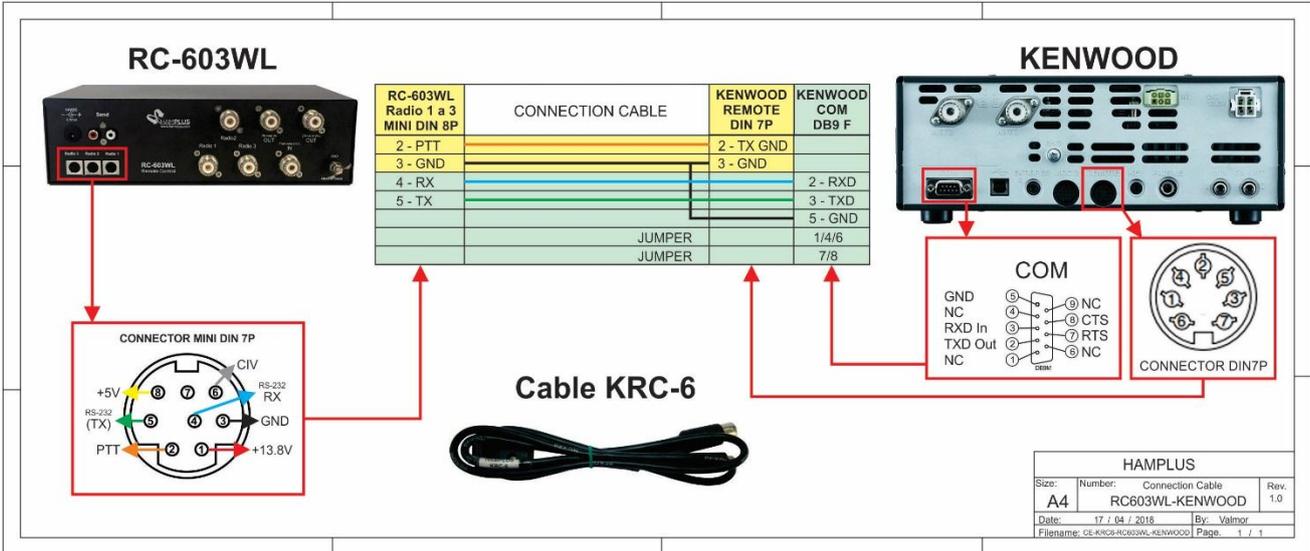
RC-603WL / ELEKRAFT K3 Connection Cable



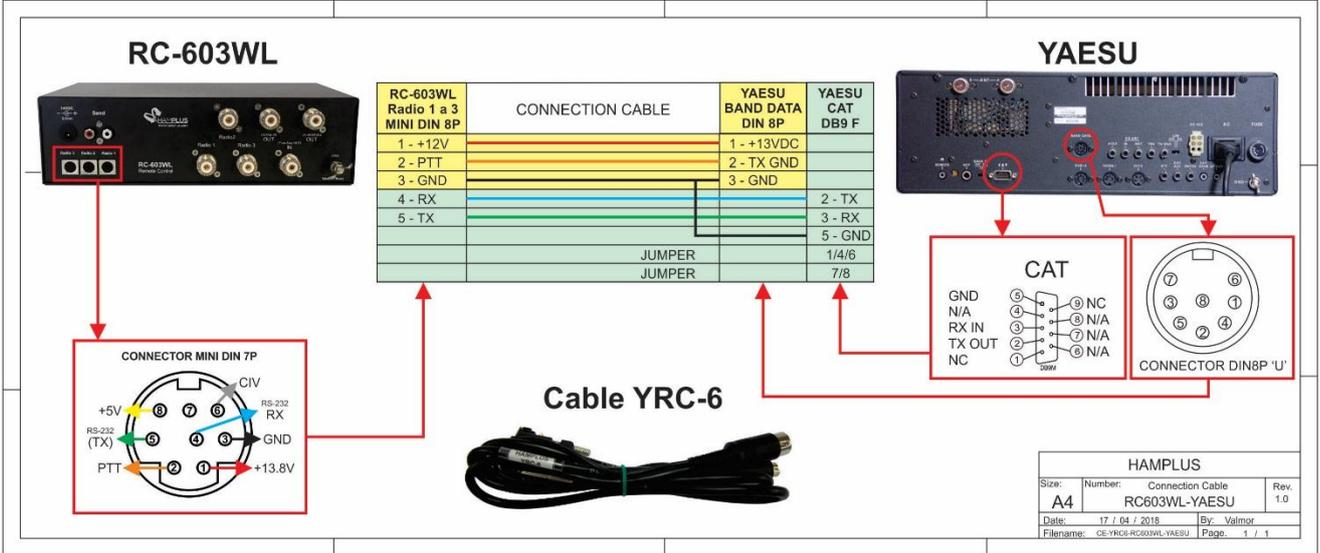
RC-603WL / ICOM Connection Cable



RC-603WL / KENWOOD Connection Cable



RC-603WL / YAESU Connection Cable



RC-603WL / YAESU-FT817 Connection Cable

