

7.14. IC-735 using address 04 hex

- The CI-V command set lacks split ON/OFF commands. This prevents the program from controlling the radio split.
- When the IC-735 is used with factory settings (1200 baud, transceiver ON), the bandmap response of N1MM is extremely slow. Jumpers J22 located on the PL-unit board (upper side under PA unit) allow baud-rate, address and CI-V transceiver to be changed. But.. the jumpers are not labeled and not in the order as stated in the Service manual. In fact transceiver ON/OFF is the last one (front panel toward you, starting from left) this one should be removed to turn transceiver OFF. The 2 first ones set the baud-rate (move the second one to the first position to switch from 1200 to 9600 baud) the 3 remaining ones are the CI-V address - default 04; is with last the last one of this group of 3 - ON.

Jumper J22 settings for 9600 baud, transceiver OFF and default address 04 - from left to right with front panel toward you...

1	2	3	4	5	6
ON	OFF	OFF	OFF	ON	OFF
Baud rate	Baud Rate	Address	Address	Address	CI-V transceiver

These settings make the 735 operable with N1MM (trx IC735 / baud rate 9600 / 8 data bits / no parity / 1 stop bit). DTR and/or RTS are not used by the Icom CI-V (no handshake) so does not matter. However, they should be turned to "always ON" if using an interface powered through those pins. Alternatively, they can be used for CW and PTT, for example if you are limited by the number of COM-ports on your machine. 73' Patrick F6IRF