# CONNECTOR-ADAPTER FROM CONTROLLER
# TTL PORT TO SCREW TERMINALS

### CPTTL/BOR

Compact adapter to easily connect accesoires to CEA51FA, CEA31 and CEA10 controllers TTL port. Purposely designed to interconnect controllers to ACTTL/232-DIN.

This adapter is directly inserted to the flat-cable connector at the controller. Pin 1 at the flat connector is the upper right one, and is indicated by an arrow in the CPTTL/BOR adapter.

When inserted in the right position the terminals appear to the lower side of the controller.

The terminals are numbered 1 to 4, left to right. The correspondence between the pins in the flat connector and the terminals is:
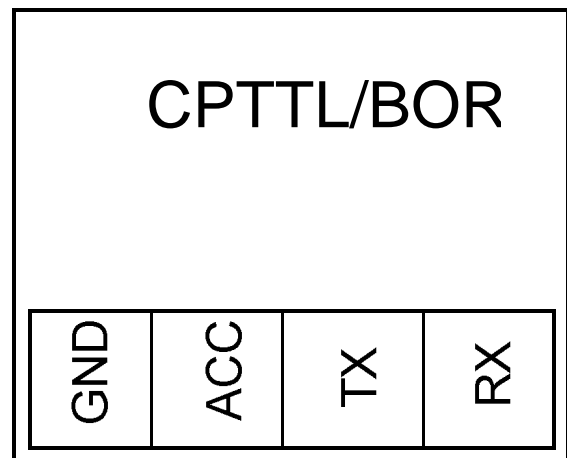
| Pin number in the flat connector | Terminal number in the CPTTL/BOR |
|---|---|
| 1 | 2 |
| 3 | 3 |
| 4 | 1 |
| 5 | 4 |

Install the ACTTL/232 next to the controller.

First of all wire MA terminal of the ACTTL/232-DIN to MA terminal of the controller. When this is done you may proceed with the remaining wiring:
1- add a wire from terminal 1 in the CPTTL/BOR to terminal MA in the ACTTL/232-DIN.
2- connect terminal 3 in the CPTTL/BOR to terminal RX-TTL in the ACTTL/232-DIN.
3- connect terminal 4 in the CPTTL/BOR to terminal TX-TTL in the ACTTL/232-DIN.
4- when using the ACTTL/232 to drive matrix indicators or voice annunciators or to communicate with a PC with SSSA-WIN software for system supervision connect terminal 2 to terminal 1 in the CPTTL/BOR.
5- Connect 24V terminal in the ACTTL/232-DIN to the +24 terminal in the controller.

Use shielded cable for all the wiring. Connect the shield to one of the mounting screws that fixes the controller to its aluminim base. The other end of the shield must remain isolated.

CPTTL/BOR

| GND | ACC | TX | RX |
|---|---|---|---|

MADE IN URUGUAY