SPEAKER WIRING DIAGRAM

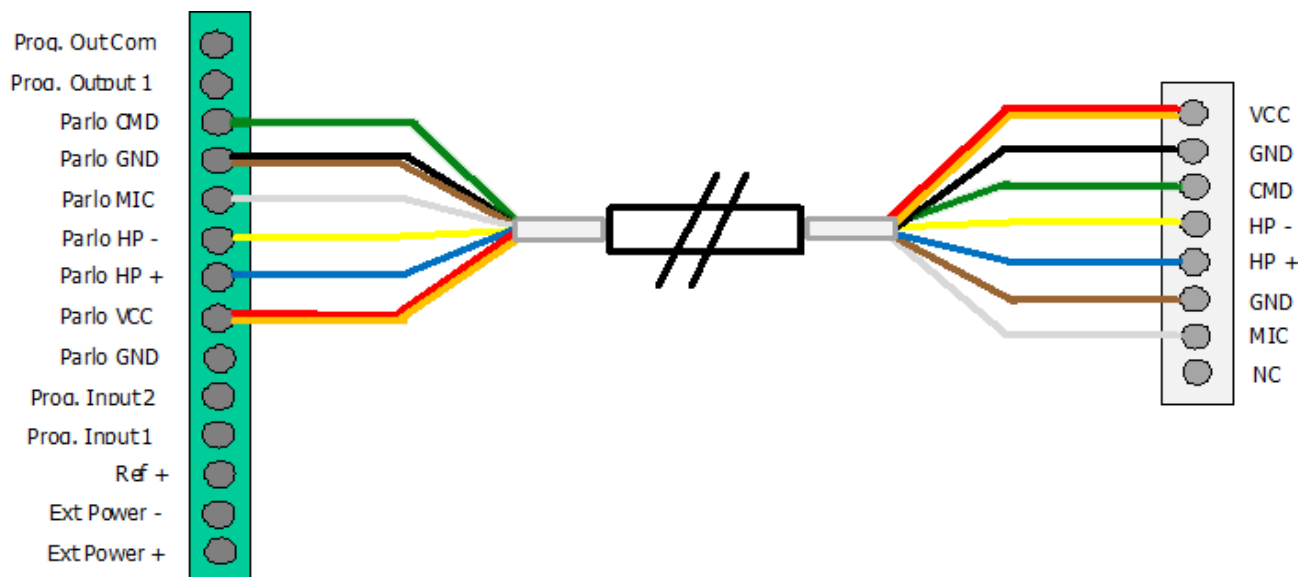**Related product**: TP200

Wiring

Panel XV200)   **Speaker (TP200)**

Other Notes

Once wired, you will need to check your speakers are configured correctly. To do this, go into:
Access Level 4 > Configuration > Configuration Monitor.Station > Intercom, and then ensure this is enabled with an appropriate time.

Golden rules for a good quality two-way voice:
Follow strictly the wiring above
Power supply and GND are paired to maximize the distance
2 (two) TP200 maximum per panel
Cabling in star mode when using 2 (two) TP200
Maximum length of cable 40m, if the first TP200 is at 30m, the second one must have 10m of cable maximum.

In case of acoustic issue:
The TP200 must be fixed tightly and vertically to the wall in order to avoid too many vibrations
The TP200 must be at least 1 (one) meter away from the control panel in order to avoid the GPRS/GSM transmitter to interfere with the speaker
The two-way voice verification is done via GSM which by essence is perceived by the operators as not as good as PSTN and could depend on the quality of the GSM
Moving the TP200 or the control panel by a just a dozen of centimetre can sometime drastically improve the acoustic

The two-way voice verification is full-duplex GSM. It is important that the operator uses its headset and not the phone speaker. Switching off the operator's microphone at the monitoring station when listening can also help as it will minimize any sound saturation, Larsen effect, echo cancellation issue, etc.