



PC5936 – PowerSeries Audio Interface Module

The PC5936 module is a simple all-call intercom module. Up to 7 interior, exterior or central station two-way intercom modules can be connected. The PC5936 can be stations can be expanded to support up to 15 stations with the addition of the PC4937/PC5937 intercom expansion module. Each station must be home run to the module using standard 4-conductor, shielded wire.

Features of the module include all-call page, hands-free answer, room monitor, telephone answer, door-strike activation and central station listen-in and two-way audio. With the addition of the Escort5580TC module, the module also supports audible door chime and alarm annunciation (PC5020 v3.1 panel required).

Compatibility (Version Identification):

v1.0 PC1555MX, PC5010, PC5015, PC5020

Note: Verbal door chime and verbal alarm annunciation is only available with the Power 864 v3.1+ and requires the Escort5580TC v3.0+ module.

Module Specifications:

Current Draw:	65mA (module only)
PC5921 Interior Station:	20mA normal (50mA maximum)
PC5921EXT Exterior Station:	20mA normal (50mA maximum)
PC5921EXT/R Exterior Station:	20mA normal (50mA maximum)
PC5904 Two-Way Station:	30mA normal (175mA maximum)

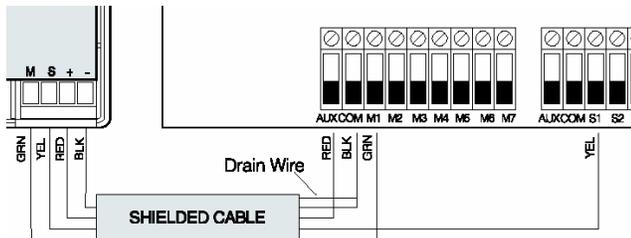
Available Stations:

PC5921	Interior Station
PC5921EXT	Exterior Station
PC5921EXT/R	Exterior Station with Relay Output
PC5904	Central Station Two-Way Station

Any intercom station can be connected to any port on the PC5936.

Intercom Station Wiring:

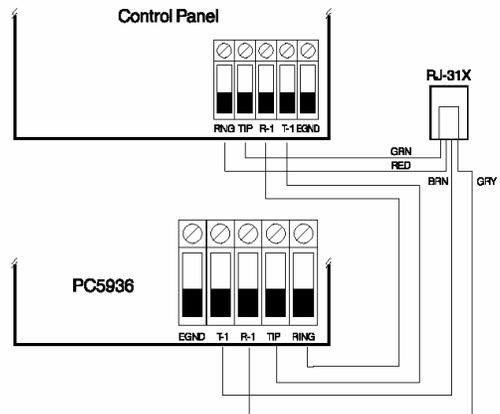
When wiring intercom stations, always use shielded wire. Connect one side of the drain to either (-) at the intercom station or COM on the PC5936 module.



* Connect drain wire to the COM terminal of PC5936 OR the black terminal of the station - NOT BOTH

AUX	Connect to intercom station (+)
COM	Connect to intercom station (-)
M1 to M7	Connect to intercom station (M)
S1 to S7	Connect to intercom station (S)

Wiring:

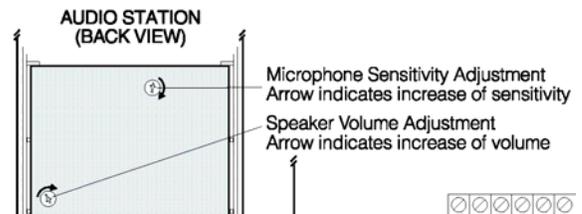


KEYBUS Connect the RED, BLK, YEL and GRN terminals to the KEYBUS terminals on the main control panel

TIP, RING Connect to T1, R1

T1, R1 Connect to house phones

Microphone and Speaker Volume Adjustment:



Troubleshooting:

1. If the DND light is ON always, check to make sure incoming sounds are enabled – Section [802], subsection [20].
2. If you hear a 'clicking' sound on the intercom stations, it is the KEYBUS data being picked up. Either the dealer did not use shielded wire or the wire is not grounded properly.
3. If the dealer is experiencing feedback, adjust the speaker and microphone volume levels. It may be possible to correct feedback problems by opening a larger hole in the wall to change the internal acoustics of the station.
4. The LED's on the PC5936 indicate talk/listen direction. If both LED's are ON it indicates the microphone and speaker wires on one or more stations are shorted.
5. When two-way audio, the dealer will not be able to hear the central station if the zone used to initiate the call is silent (including the Panic Key alarm).