



Product Summary Sheet

July 7, 2003 Rev001

PC4936 - MAXSYS Audio Interface Module

The PC4936 module is a simple all-call intercom module. Up to 7 interior, exterior or central station two-way intercom modules can be connected. The PC4936 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 Escort4580 module, the module also supports verbal door chime verbal and alarm annunciation.

Compatibility (Version Identification):

Compatible with PC4020A v3.1 and higher

Specifications:

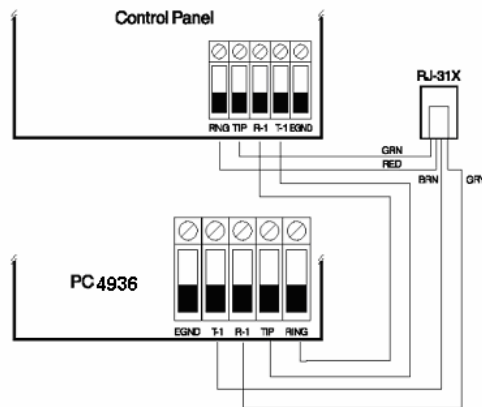
Current Draw:	65mA (module only)
PC5921 Interior Station:	20mA normal (50mA maximum)
PC5921EXT Exterior Station:	20mA normal (50mA maximum)
PC5921EXT/R Exterior Station:	20mA normal (50mA maximum)
PC5904 Two-Way Station:	30mA normal (175mA maximum)

Available Stations:

PC5921	Interior Station
PC5921EXT	Exterior Station
PC5921EXT/R	Exterior Station with Relay Output(N/O)
PC5904	Central Station Two-Way Station

Any intercom station can be connected to any port on the PC4936.

Wiring:



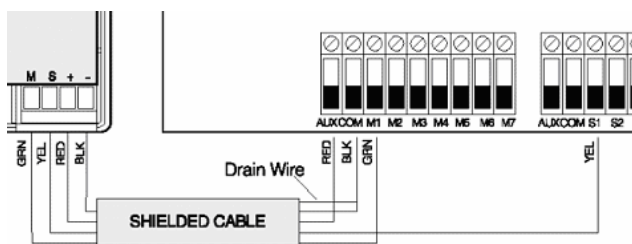
COMBUS Connect RED, BLK, YEL and GRN terminals to the COMBUS terminals of the main control panel

TIP, RING Connect to T1 and R1 of the control panel

T1, R1 Connect to the house phones

Intercom Station Wiring:

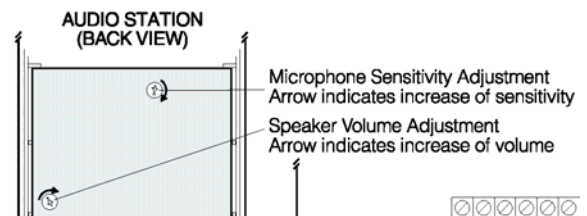
When wiring intercom stations, always use shielded wire. Connect one side of the drain to either (-) at the intercom station or COM on the PC4936 module.



* Connect drain wire to the COM terminal of PC4936 OR the black terminal of the station - NOT BO

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)

Microphone and Speaker Volume Adjustment:



Troubleshooting:

1. If the DND light is ON always, check to make sure incoming sounds are enabled
2. If you hear a 'clicking' sound on the intercom stations, it is the Combus 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 PC4936 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. During a two-way audio session, 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).