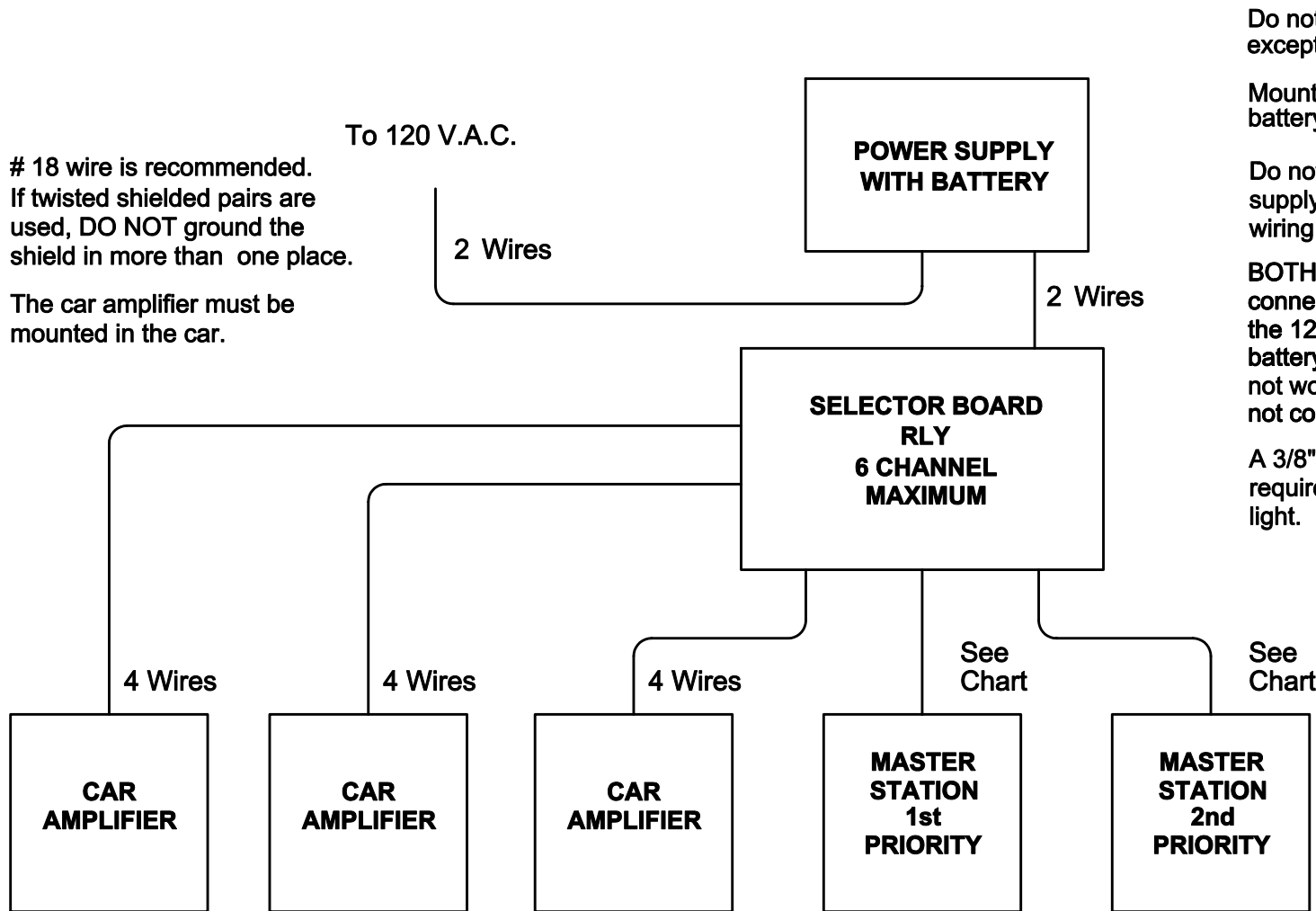


Everclear® Intercom 6 Car 2 Master Maximum



Do not connect the 120 V.A.C. to anything except the power supply.

Mount the selector board, power supply and battery in the controller.

Do not connect the 12 VDC from the power supply to the selector board until all other wiring is complete.

BOTH battery leads must be connected to the battery to condition the 12 volt DC power and keep the battery charged. The intercom will not work properly if both leads are not connected.

A 3/8" field drilled hole on the car panel is required for mounting the Intercom In-Use light.

Master to selector board wiring	
Requires 4 wires for audio 2 wires for power 1 selection wire for each car.	
Number of cars	Number of wires
2	8
3	9
4	10
5	11
6	12

Set master station priority
Only one master station can communicate at a time so priority must be assigned. The priority #1 master must be wired to the terminal strip labeled Master 1 on the selector board. When turned on, the higher priority master removes power from the lower priority master station. Local codes may dictate which master should have priority.

Power requirement: 120 VAC.
Current: Less than 0.125 Amp. continuous.

FUSE INFORMATION		
FUSE	RATING	CIRCUIT
F1	GMC125 m.a. slow	120 V.A.C. input
F2	GMA2 amp	Battery in/output
F3	GMA1 amp	Power supply output

Everclear® Intercom	
JFillips LLC 425 277 1011	
6 Car 2 Master Stations Maximum	
Block Dwg.	
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Everclear® Intercom 6 Car 2 Master Maximum

On the Selector board, Jumper JB1 must be in the multicar position for intercoms with more than 1 car.

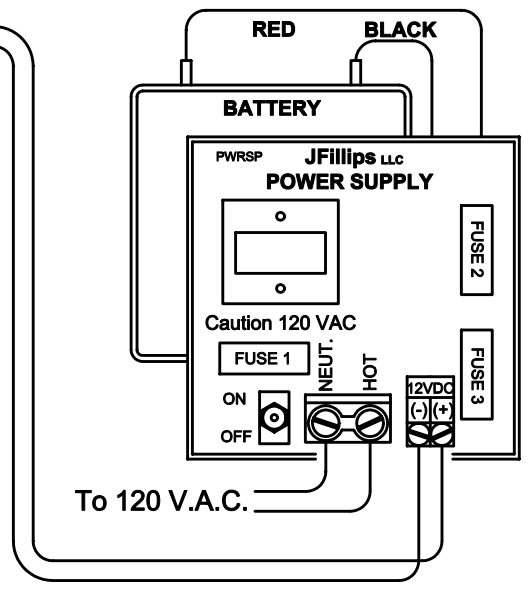
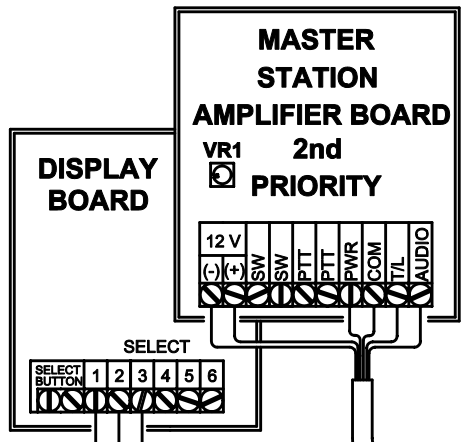
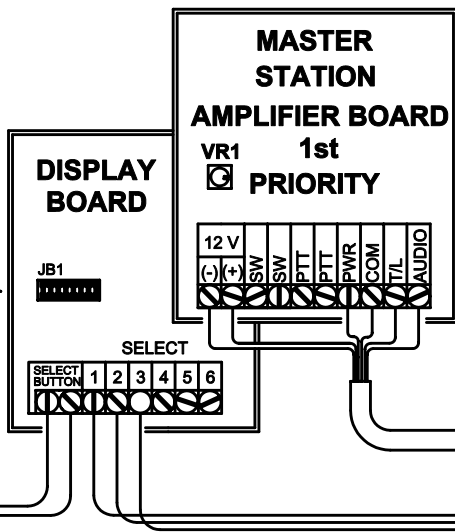
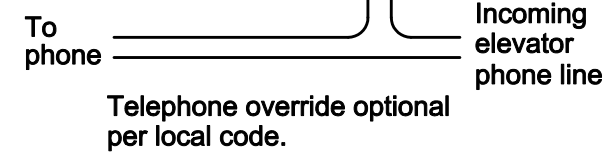
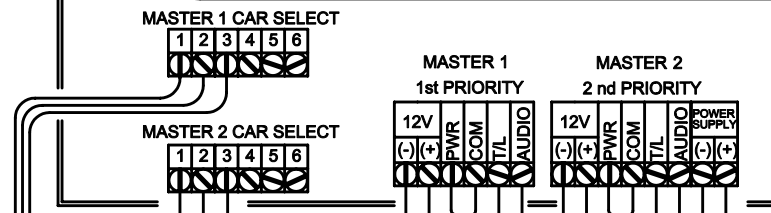
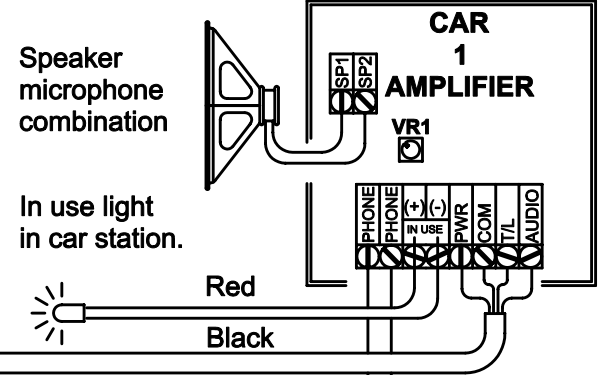
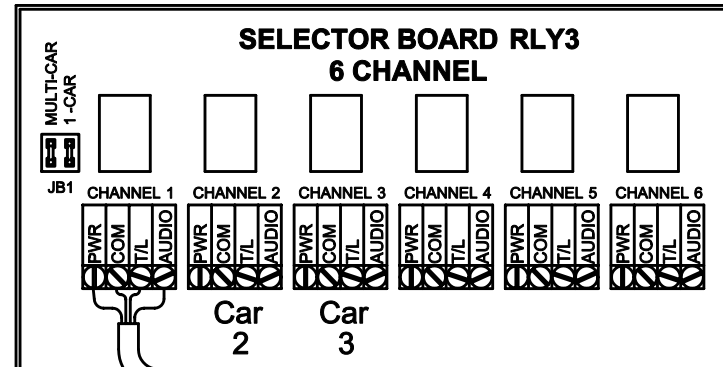
Each master station must have one wire per car from the Select terminals on the Display board to the corresponding Master 1 or 2 Car Select terminals on the Selector board.

Multi-car master stations have both an Amplifier board for audio and a Display board to display the car number and send a signal to the Selector board to connect the master station to that car.

Volume is adjusted at the point of origin. Preset volume heard in the car can be adjusted at Pot VR-1 in master station. Volume heard at master station can be adjusted at Pot VR-1 in the car.

On multi-car master stations, set the Limit jumper JB-1 on the lower Display board on the pin number that corresponds to the number of cars.

Both Red & Black power supply leads MUST be connected to the battery for the intercom to work properly.



To push to select button

Do not connect the 120 V.A.C to anything except the power supply.

Use the chart below to record field wire number or color to facilitate troubleshooting.

Selector board to Master 1 wiring (1st Priority)	12 (+)	
	12 (-)	
	PWR	
	COM	
	T/L	
	AUDIO	
	Master 1 Car Select	1
		2
		3
		4
		5
6		

Selector board to Master 2 wiring (2nd Priority)	12 (+)	
	12 (-)	
	PWR	
	COM	
	T/L	
	AUDIO	
	Master 2 Car Select	1
		2
		3
		4
		5
6		

Selector board to Car 1 Amplifier wiring.
PWR
COM
T/L
AUDIO

Selector board to Car 2 Amplifier wiring.
PWR
COM
T/L
AUDIO

Selector board to Car 3 Amplifier wiring.
PWR
COM
T/L
AUDIO

Selector board to Car 4 Amplifier wiring.
PWR
COM
T/L
AUDIO

Selector board to Car 5 Amplifier wiring.
PWR
COM
T/L
AUDIO

Selector board to Car 6 Amplifier wiring.
PWR
COM
T/L
AUDIO