

# 1. AMPLIFIER

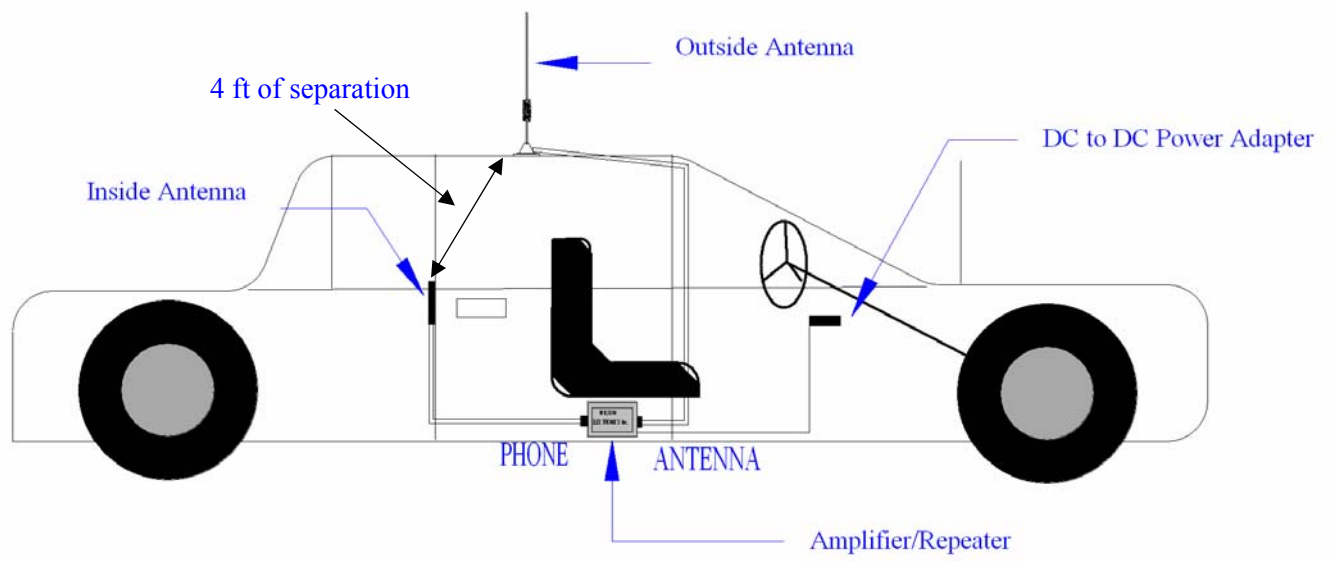
## 1.1 About

The Amplifier greatly improves signal strength when using your portable AMPS phone inside the car. The signal is received by the outside antenna from the cell site. It is then AMPLIFIED/REPEATED and then transmitted to your AMPS phone through the inside antenna. When the phone transmits it is received by the inside antenna. It is then AMPLIFIED/REPEATED and then transmitted to the cell site through the outside antenna.

## 2.2 Specifications:

FREQUENCY:	824-849 MHZ UPLINK 869-894 MHZ
DOWNLINK GAIN:	37 DB UPLINK 37 DB DOWNLINK
FLATNESS:	+ - 2DB
MAX RF OUTPUT POWER:	UPLINK 1W DOWNLINK 0.01W
NOISE FIGURE:	6DB @894MHZ
UPLINK DOWNLINK ISOLATION:	> 90 DB
POWER CONSUMPTION:	12V, .5Amps
CONNECTOR:	2-FME-Male 50 OHMS
DIMENSIONS:	5.5 x 4.3 x 1.4 (INCHES) OR 14.0 x 10.8 x 3.5(CM)
WEIGHT:	1.32 POUNDS OR 600G

## ILLUSTRATION



# AMPLIFIER LAYOUT