

# AUDIO AUTHORITY 1500A & 1500AH MODEL

## QUIKSERV AUDIO INSTALLATION

The 1500A/1500AH kit consists of one model 1500/1500AH, one model 1520, and (2) 571-013 power supply.

The model Q20NDXL lane sensor is an optional feature. It will require a special face plate if not originally ordered.

The system comes pre-wired to the necessary lane station, speakers, call buttons and microphone connected to the 1520 Lane Station with approximately 6 to 8 foot of wire. If you need to re-wire see Fig. 1

See wiring diagram Fig 1.

Fig 1 shows the typical wiring method.

1. Remove the pre-wired 1500 from the plastic bag. Located inside the drawer or attached beside the drawer.
2. Remove box containing the AA1500 and install the goose neck microphone into counter station and the AC power supply to a nearby 110 volt outlet. Now plug in the main components as shown (the 1500 counter station and the 1520 lane station using a cat 5 cable).
3. Mount the 1520 on the wall or under the counter, or in some other nearby location. You have 6 to 8 feet of wire to reach your mounting location. **Ground wire must be grounded.**
4. Plug in AC power supply to 1520 and to a nearby 110 volt outlet.
5. If using Model Q20NDXL lane sensor. Remove lane sensor knock out at bottom of 1520. See Fig. 1. Lane sensor will already be installed on pre-wired units. When vehicle triggers the lane sensor, the counter station generates a call tone for the corresponding lane to alert the operator.
6. Wiring Notes: Whatever cable is used, it must have an **overall foil shield** – the drain wire is connected to the common (#8) terminal on each lane station block. **The drain wire on the customer end of the cable must be cut off and not connected.** For proper system operation, one of the lane common terminals must also be connected to a good ground, such as an electrical box or a metallic structural main bar, using green ground wire supplied. This wire may be extended if necessary.