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# User/Installation Manual

## COMMON INTERCOM INSTALLATION



Your "PARTNER" in Access Control



SECURITY BRANDS INC

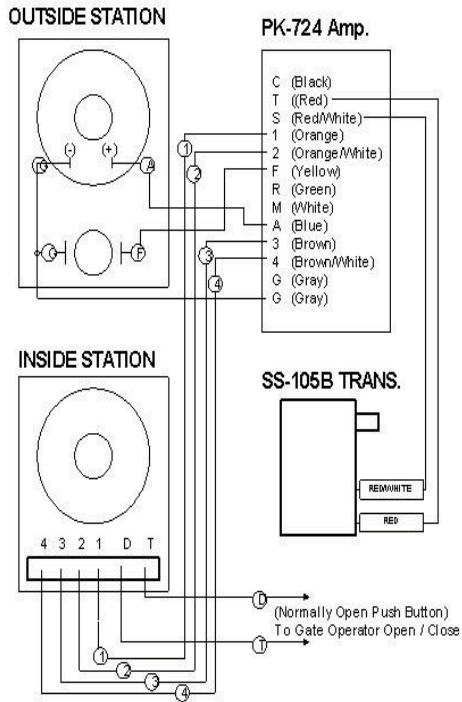
Serial # \_\_\_\_\_



## Installation instructions for Tektone Intercom System using PK-724 amplifier

### WIRING

Run 4 conductor twisted shielded cable from the OUTSIDE STATION to the PK-724 amplifier. One conductor will not be used but will be available in the future should shorts or problems occur. Run the wire in it's own conduit at least 6 inches away from high voltage. You may run the operator control wires in the same conduit as the communication wires, but do not run them in the same cable. Do not route or place communication wires next to transformers, fluorescent lights, or any device that produces high voltage flux. See the chart below for proper gauge of wire. Run 4 conductor twisted shielded cable from the PK-724 amplifier to the INSIDE STATION(s). Each of the inside stations should be connected in parallel and should not exceed the distances specified below. After you have made all your connections, ground the cable shielding to earthe ground at one end of the cable.



Distance to gauge of wire chart  
\*From Amp to OUTSIDE STATION

Up to 150 feet	22 gauge
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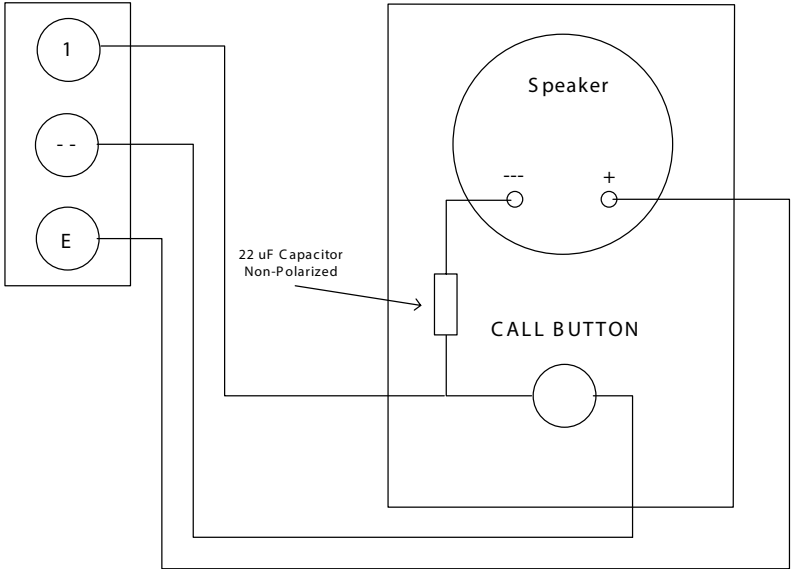
Maximum cable length per number of INSIDE STATIONS  
\*From Amp to INSIDE STATION

1 Station	600 feet
2 Stations	300 feet
3 Stations	160 feet
4 Stations	80 feet

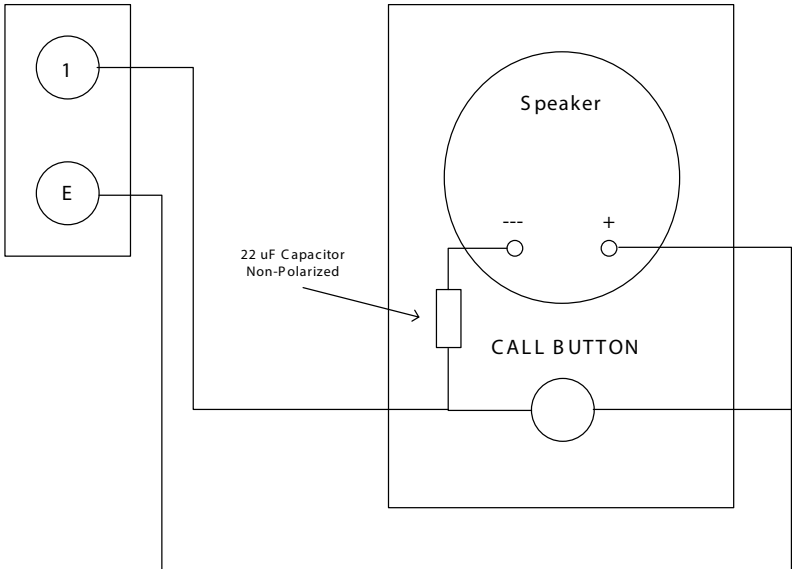
Maximum number of stations per cable 4  
Maximum number of stations per system 20

# WIRING DIAGRAM FOR A-PHONE INTERCOMS

LAF  
Model



LEM1-DL  
LEF-3  
LEF-3L





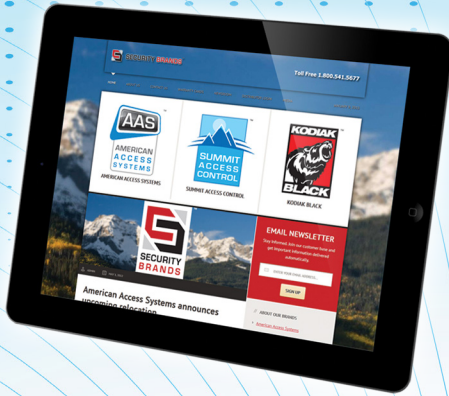
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