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BEC Audio specializes in many types Office, Business, Commercial and Apartment Intercom Systems. Whatever your needs are, for your existing or new commercial intercom system, we have it. We offer Alpha Communications Apartment Intercoms, Tektone Apartment Intercom Systems, Jeron Intercom Systems, Mircom Intercom Systems, Auth-Florence Entry Intercom Systems, Graystone Entry Intercom Systems, Aiphone Communication Intercom Systems and more.

Additional Manufacturers of Apartment / Townhome Intercoms

Tek-Tone Apartment Intercom
Auth-Florence Apartment Intercom
Pacific Apartment Intercom
Graystone Mircom Apartment Intercom
Aiphone Apartment Intercom
Leedan Apartment Intercom
Stainless Steel Entrance Panel
Trine Door Strikes
DoorKing Telephone Entry Systems
DoorKing Card Readers / Keypads
DoorKing Residential Gate Intercom
H.E.S. SMARTPAC
Apartment Intercom
Linear Telephone Entry Intercom
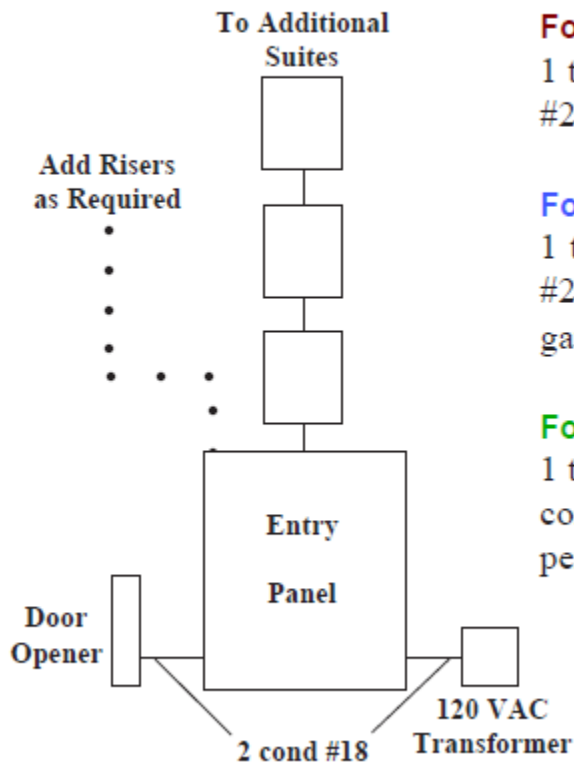Jeron Apartment Intercom
NuTone Apartment Intercom

APPLICATION

Apartment Entry Intercoms provide two-way communications between the building entrance and each suite/apartment. Hands-free loudspeaker operation at the entrance panel and push button controlled communication at the suite locations provide for easy operation. Controlled door entry is permitted by push button operation at the suite in conjunction with electric door release.

Optional equipment is available to provide additional functions such as post office (USPS) key door release, additional entrance panels, strobe light call indication

Figure A

Suite Stations:

For 3-wire stations:
1 twisted pr #22, plus 1 cond. #22 gauge per suite in riser

or,

For 4-wire stations:
1 twisted pr #22, plus 1 cond. #22 common, plus 1 cond. #22 gauge per suite in riser

or,

For 5-wire stations:
1 twisted pair #22, plus 2 cond. #22, plus 1 cond. #22 per suite in riser

WIRING

Suite/Apartment Stations

Stations may be connected in risers using the cable configurations shown in Figure A, above.

The maximum cable length is 400 feet (120 meters). Additional risers may be added as needed. Station cables must not be run in the same conduit with (or too close to) electrical wiring or background music, and must not be close to fluorescent lights, dimmers or other electrical equipment. Failing to observe this requirement can result in noise entering the intercom audio. Ensure that sufficient amounts of cable are left in the back box to make connections to stations. Do not cut cable at each station.

Transformer

Cable wiring must be 2 conductor #18 AWG with a maximum cable length of 80 feet (25 meters). If using #14 AWG wire, this distance can be extended to 200 feet (60 meters). Route cable away from suite station wiring and maintain a minimum of 3 feet (1 meter) of clearance between the transformer and the amplifier.

Door Release

Cable wiring must be 2 conductor #18 AWG with a maximum length of 50 feet (15 meters).

transformer must be used for 24 VAC door strike and 12 VDC Maglock applications (8 volt tap required).