

ARCHITECTS/ENGINEERS' SPECIFICATIONS: LEF-3

The intercom system shall be of an open voice, selective calling type with individual selector switches for each station. Capacity shall be 4 stations, fully intermixable with any number of master or sub stations. Master station shall be simplex operation, with hands free response from the called station.

Master station shall be equipped with station selector switches, OFF button for standby mode, TALK button for simplex operation, and PRIV (privacy) button to block unauthorized monitoring. Voice volume control shall adjust transmit and receive volume at the calling master station, and a call tone volume control shall be located beneath the operation plate. An incoming call shall be annunciated by a momentary electronic call tone, and the corresponding station LED shall light for approximately 20 seconds. The LED shall not light if a master station calls another master station. LEDs above selector buttons shall illuminate when the station button is pressed at the calling master. The Occupied LED shall light to indicate that the system is in use, and the Off LED shall light on the master station that has a station selected.

Master station shall wall mount on a 1-gang box or ring or be desk mounted. Sub stations shall be available in the following configurations: (1) surface or flush mount styles, with or without privacy; (2) surface mount with three call buttons, with or without privacy; (3) weather resistant door stations in surface or flush mount styles, mounted on or in standard 1-gang or 2-gang boxes; (4) vandal proof sub station, indoor or outdoor styles, with optional surface mount box.

An optional adaptor shall be available to provide chime from up to three door stations, and provide an auxiliary input to distribute background music to all or selected sub or master stations in the system.

Wiring shall be multiple conductors with an overall shield inside a single jacket, including five (5) common wires, plus one (1) individual wire per station in the system between masters. Maximum 9 conductors. Wiring to sub stations shall be two (2) conductors in a 1-master system, and three (3) conductors in a system with two or more masters.

Manufacturer must have earned ISO 9001 certification on all intercommunication products.