

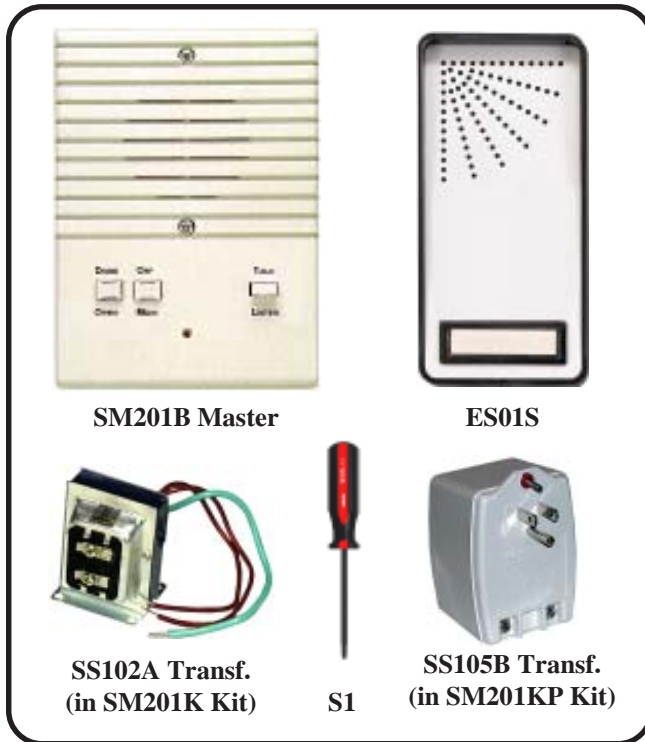


Product Specification Sheet



APS397

Rev. 5 - 02/2011



SM201K / SM201KP Intercom Kits

The Alpha Communications® SM201K and SM201KP intercom kits are extremely economical master/remote intercoms for door entry or any other application requiring a single master and a single remote intercom station. The SM201B master does not have an 'auto shut-off' feature when monitoring the remote, so it can be used to monitor the remote for as long as required.

The master station has a built-in amplifier and electronic tone signal and it easily mounts right on the surface of the wall. A built-in momentary door release button allows hook-up to your own 16VAC (or other low voltage door opener (depending upon transformer/relay used). The outdoor remote station surface mounts directly on the wall, and requires only 2 wires.

Each kit includes 1- SM201B master station, 1- ES01S Aluminum outdoor remote station with included plastic surface box with built-in rainhood (and with separate EC105 capacitor) and 1- S1 special screwdriver. The SM201K includes a pigtail type 16VAC transformer (our model SS102A). The SM201KP includes a plug-in type 16VAC transformer (our model SS105B).

An optional IH400A desk cabinet allows the master station to be mounted on a desk or table top. The optional PK407A door opener relay allows connection to other voltages and types of door openers.

FEATURES

- Requires only 2-Wires for Intercom and Tone from Remote
- Powers from low voltage 16VAC transformer
- Built-in Electronic Tone Signal
- Built-in Momentary Electric Door Release Push-button
- Modern Styling

DIMENSIONS

- SM201B Master:** 5.00"W (127mm) x 7.00"H (178mm) x 1.38"D (36mm) from surface of wall.
- ES01S Remote:** 3.25"W (83mm) x 6.875"H (175mm) x 1.375"D (35mm) from surface of wall.

WIRING REQUIREMENTS

Run a 2-conductor twisted pair #22AWG cable from the SM201B master to the ES01S remote station, up to 250 feet. For runs up to 1,000 feet, use a 2-conductor (shielded) #18AWG cable. Run a separate 2-conductor #18AWG cable from the door opener transformer to the SM201B master up to 50 feet. Run a separate 2-conductor #18AWG cable from the SM201B master to the optional electric door opener, up to 50 feet.

NOTE: the audio and door opener and transformer cables must be in separate jackets and not in the same cable jacket. See system wiring diagram for more complete wiring information.

Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The intercom system (kit) shall be Alpha Communications® model SM201K or SM201KP, or approved equal. Master station(s) shall be surface mount and shall include a built-in voice amplifier, electronic tone signal and momentary electric door release push-button. Master shall be powered by a (pigtail or plug-in) 16VAC transformer. Outdoor remote station with built-in rainhood, supplied in the kit, shall be the model ES01S (with separate EC105 capacitor). SM201K kit shall include the (SS102A) pigtail type transformer and SM201KP kit shall include the (SS105B) plug-in type transformer.

Both model kits shall include a model S1 screwdriver for installation and maintenance of the vandal-resistant screws supplied with the SM201B master.

Contractor shall furnish and install a (compatible) electric door release, and related door release power supply, if required.

Contractor shall observe all local and national electrical and building codes.

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