

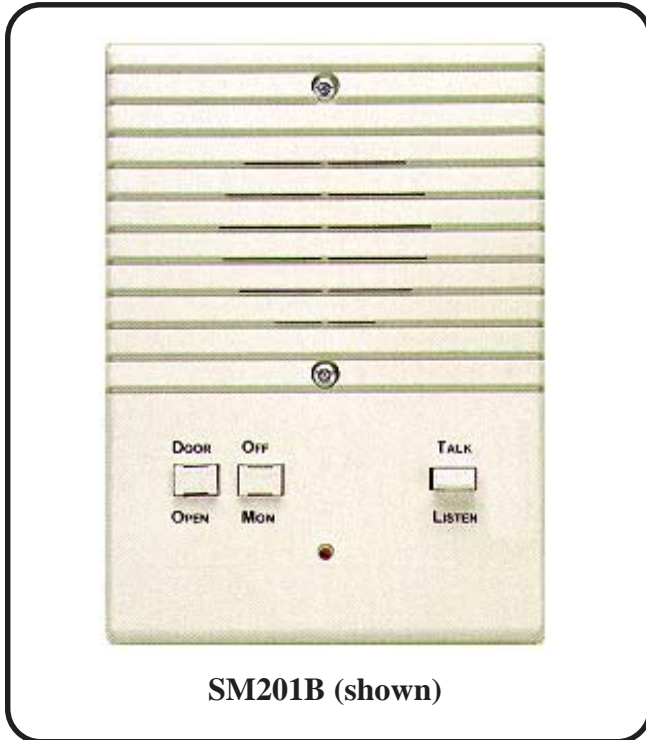


Product Specification Sheet



APS102

Rev. 5 - 04/2011



SM201B (shown)

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The intercom master station system shall be Alpha Communications®/Tektone model SM201B (or SM201BTS), or approved equal. Master station(s) shall be surface mount (or desk mount with optional IH400A or IH400AF desk cabinet) and shall include a built-in voice amplifier, electronic tone signal and momentary electric door release push-button. Master shall be powered by a 16VAC transformer (model SS102A or SS105B or SS106). Outdoor/Indoor remote station shall be the surface model ES01S or equivalent, or ES512/01 or OR502SS with appropriate flush or surface backbox/housing, and all with required EC105 capacitor.

Contractor shall furnish and install a (compatible) electric door release, and related door release power supply, or PK407A mag lock relay,, if required.

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

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SM201B and SM201BTS Master Stations

The Alpha Communications® SM201B series intercom system is an economical master/remote intercom for door entry or any other application requiring a single master and a single remote intercom station.

The SM201B master station has a built-in amplifier and tone signal generator. It can easily mount right on the surface of the wall (over a single gang electrical 'gem' box), or onto an optional IH400A desk cabinet. A built-in momentary door release button allows hook-up to your own 16VAC or 24VAC door opener (depending upon transformer used). The optional PK407A door opener relay allows connection to other voltages and types of door openers.

A wide variety of remote stations is available in ABS plastic, extruded aluminum, stainless steel, polished brass and painted finishes.

FEATURES

- Requires only 2-Wires for Intercom and Tone from Remote
- Powers from 16VAC Transformer
- Built-in Electronic Call Tone Signal
- Built-in Electric Door Release Push-button
- Modern Styling
- Master can be Surface or Desk Mounted (with IH400A)
- Wide Variety of Weather-Resistant Remotes

SPECIFICATIONS

SM201B: Height: 7.00" (178mm)
 Width: 5.00" (127mm)
 Projects: 1.38" (36mm) from surface of wall

WIRING REQUIREMENTS

Run a 2-conductor twisted pair #22AWG cable from the SM201B (or SM201BTS) master to the 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 16VAC transformer to the SM201B master up to 50 feet. Run a separate 2-conductor #18AWG cable from the SM201B (or SM201BTS) 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 IL331 for more complete wiring information, and for optional 24VAC door opener connections.

OPTIONAL COMPONENTS

- SM201BTS** Master station. Same as model SM201B, except modified with a tone/speaker cut-off toggle switch (for N.Y.C.H.A. applications)
- IH400A** Desk Cabinet for SM201B or SM201BTS.
- PK407A** Specialty door release relay for connections to magnetic door locks, or reverse-action door openers, or door openers with voltages other than 16VAC or 24VAC.

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