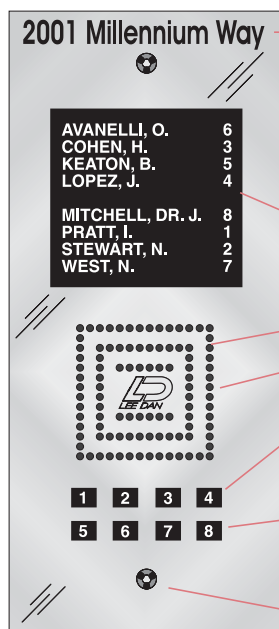




# BLACK METAL BUTTON STYLE STAINLESS STEEL Vandal-Proof Intercom Lobby Panels

Featuring permanently engraved, individually replaceable, **SOLID black METAL** buttons.



**MS-008E**

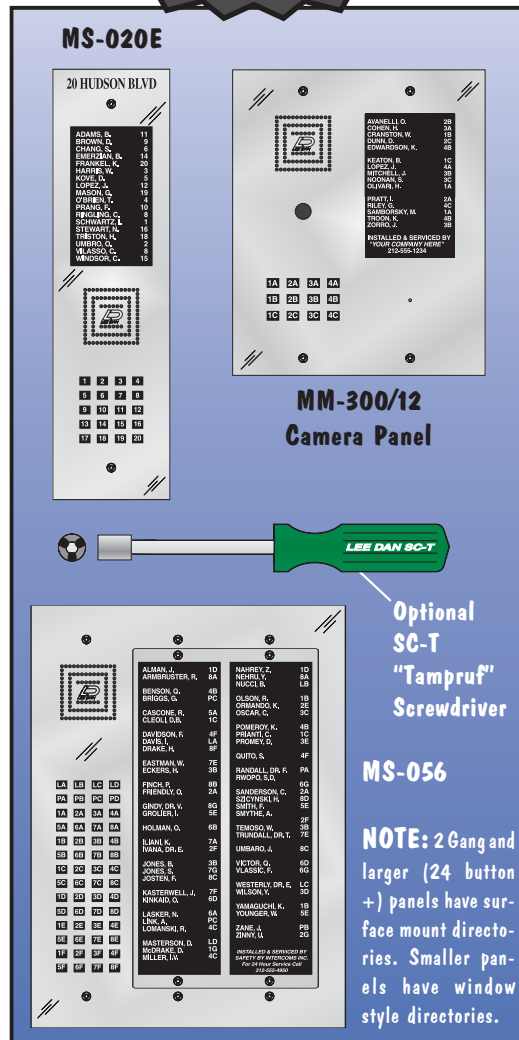
(Shown with optional Engraved building address and optional engraved 'LDDS' Lee Dan Directory Strips)

**NOTE: Wherever shown, Directory Strips are optional.**

• Optional building address engraving foils theft (add suffix 'E' to model no.)

### Standard Millennium® Features:

- High grade 16 gauge (low carbon) Stainless Steel.
- Integral Stainless Steel/Lexan® sheet directory.
- Exclusive 3-layer metal speaker baffle.
- Mylar cone weatherproof loudspeaker.
- Solid permanently, custom engraved black metal 'plungers', are easily replaced.
- Self-wiping buttons with screw terminals, mounted on reinforced backplate.
- Custom sizing available.
- 'Tampruf' tamper-proof access screws.
- Available with any number of buttons.



Optional  
SC-T  
'Tampruf'  
Screwdriver

**MS-056**

**NOTE: 2 Gang and larger (24 button +) panels have surface mount directories. Smaller panels have window style directories.**

## MILLENNIUM® Stainless Steel, Black Solid Metal Buttons, Loudspeaker\* (L/S) Lobby Panels

Number of Buttons	ALL PANELS		FLUSH PANELS			DIRECTORY INFO	
	OUTSIDE High	DIMENSIONS Wide	Flush Backbox	WALL OPENING High Wide		Maximum Names	Strip Capacity
4--8	11-1/2"	5"	BB-101	10-1/8"	4-1/8"	10	12
12--20	18-3/4"	5"	BB-201	16-1/8"	4-1/8"	24	26
24--48	18-3/4"	10"	BB-202	16-1/8"	8-1/8"	52	56
52--56	18-3/4"	14"	BB-203	16-1/8"	12-1/8"	104	112
60--100	18-3/4"	18"	BB-204	16-1/8"	16-1/8"	104	112
104--132	18-3/4"	22"	BB-205	16-1/8"	20-1/8"	156	168
136--148	18-3/4"	26"	BB-206	16-1/8"	24-1/8"	156	168
152--200	18-3/4"	30"	BB-207	16-1/8"	28-1/8"	208	224

For MILLENNIUM® Panels Over 200 Buttons, Please Call LEE DAN®

\*Optional speaker equipment is available, including Bell/Buzzer, Speaker/Transmitter, Speaker/Microphone, Amplified Handset, and Speaker/Transmitter Handset. Call Lee Dan for wall dimensions of any Millennium® panels other than 'MS' loudspeaker type. Contact Lee Dan for other styles including economy, vandal-resistant, oversized directory and solid polished brass.

MILLENNIUM® and LEE DAN® are registered trademarks of LEE DAN Communications, Inc.

Lexan® is a registered trademark of General Electric Corp.

**ARCHITECTS' & ENGINEERS' SPECIFICATIONS**

**"Millennium™" Lobby Panel:** Intercom panel shall be a Lee Dan vandal-proof Millennium™ series or approved equal. Panel shall be constructed of 16 gauge low-carbon Stainless Steel. Momentary action, self-wiping pushbuttons shall be provided with 5/16" thick, solid aluminum plungers. Connections shall be made by positive screw terminals. Pigtail connections shall not be acceptable. Apartment numbers shall be permanently engraved on individually replaceable metal plungers. Building address shall be permanently engraved at the top of the lobby panel.

Speaker shall be 3.5", 1 Watt, 45 Ohm with mylar cone. Paper cone speakers are not acceptable. Speaker shall be protected by a three (3) layer metal speaker baffle. Intercom panel shall include an integral alphabetical directory protected by Lexan® sheet. Speaker, pushbuttons and directory components shall all be field replaceable. Glued in place components are not acceptable. Mounting screws shall be tamper resistant Tampruf type. A Lee Dan model SC-T Tampruf type screw driver shall be provided with each lobby panel for directory maintenance.

Lexan® is a registered trademark of General Electric.

**IR-204E Apartment Stations (option 1 of 3\*):** Suite stations shall be Lee Dan model IR-204E or approved equal. Stations shall be molded in white, high impact ABS plastic. Individual pushbutton controls shall be provided for Talk, Listen, and Door release functions. Button identification shall be provided in English, braille, and by symbols. Pushbuttons shall be self-wiping type with positive screw terminals. Pigtail connections are not acceptable. Speaker shall be 2.5", .3 Watt, 45 Ohm. Pushbuttons and speakers shall be field replaceable. Glued in place components are not acceptable. Mounting screws shall be tamper resistant Scrulox type.

**IR-464 Apartment Stations (option 2 of 3\*):** Suite stations shall be Lee Dan model IR-464 or approved equal. Momentary action, self-wiping pushbuttons shall be provided for TALK, LISTEN, and DOOR operations, with 5/16" thick solid aluminum plungers. Connections shall be made by positive screw terminals. Pigtail connections shall not be acceptable. Stations shall be permanently stamped with DOOR/LSTN/TALK legends for tenant operation. The speaker/microphone shall be a mylar cone high sensitivity type with voice-frequency response. Paper cone speakers are not acceptable. Speaker shall be protected by a double metal speaker baffle. Station shall be constructed of 18 gauge stainless steel. Connections shall be made by positive screw terminals. Pigtail connections shall not be acceptable. Mounting screws shall be tamper resistant Scrulox type.

**IR-444SS Apartment Stations (option 3 of 3\*):** Suite stations shall be Lee Dan model IR-444SS or approved equal. Heavy duty 6 amp rated, chrome plated, solid brass, round metal buttons shall be provided for TALK, LISTEN, and DOOR operations. Pushbutton connections must be made by positive screw terminals by circuit board. Pigtail connections are not acceptable. Stations shall be permanently stamped with DOOR/LSTN/TALK legends for tenant operation. The speaker/microphone shall be a 45 ohm high sensitivity type with voice-frequency response. Speaker shall be protected by a double metal speaker baffle. Station shall be made of 20 gauge stainless steel. Mounting screws shall be tamper resistant Scrulox type.

\*Choose from more than 70 different stations. Request brochure A-101.

**Amplifier:** Intercom amplifier shall be Lee Dan model PK-543A or approved equal. Amplifier shall be powered by a Lee Dan model PS-30A pigtail transformer (16VAC/30VA), or approved equal, which shall be UL listed.

**Other Accessories**

**Engraving** Ask for engraving brochure A-107.

**JB-200** Amplifier Junction Box.

**Rain-Guard** Weather Hood. Ask for brochure IN-004.

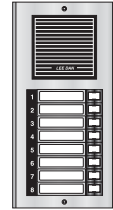
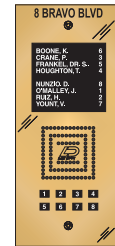
**SC-T** 'Tampruf' type tamper screwdriver.



Rain-Guard  
Side View

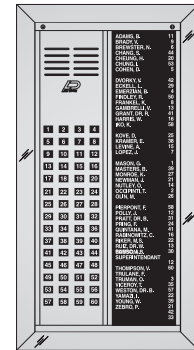
**Other LEE DAN® Panel Styles**

**Bravo™**  
Solid Polished Brass  
• 3 Versions

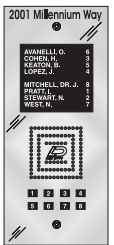


Style "E"™  
Economy Style

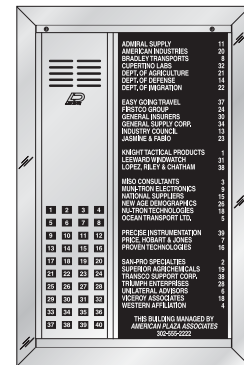
**Van-Guard®**  
Extruded Alum.  
Engraved Plungers



Centurion™  
St. Steel  
Metal  
Numberstrips



Quantum™  
St. Steel  
Engraved  
Faceplate



Regency™  
Extruded  
Aluminum  
Oversized  
Directory

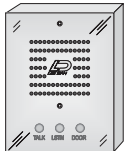
**Popular Apartment Stations**



IR-204E  
Plastic  
Surface Mount



IR-464  
St. Steel  
Requires Housing



IR-444SS  
St. Steel  
Surface