



## **GALAXY EFES ANTIVANDAL DIGITAL PANEL GP01HA.**

### **USER'S MANUAL**



#### **1 BASIC PROPERTIES**

- Call apt. units
- Full duplex (2-way) audio communication with apt. units
- Ability to control (built-in relay) the door strike (if installed) from the apt. units and by Key fob, IButton, user or apt specific or general PIN.
- Door lock relay can be controlled to set the door open / door strike trigger time.

#### **2 FEATURES**

- Entry audio feedback at the panel keypad
- On-screen display of entered number
- Audio warning signal at the entry panel when apt. PIN, I-Button or Key fob is used to open the door. (incl. on/off option).
- Audio warning signal at the entry panel when an apt. is called by the entry panel.
- Ability to assign I-Buttons and Key fobs by entering an apartment number
- Door open action audio feedback at the panel
- Activate/Deactivate calls to apt.
- 4 digits user PIN
- Ability to have a changeable user PIN
- About 9 key fobs / 5 I-Button per apartment capacity.
- Ability to connect security guard telephone
- Ability to connect extra camera
- Antiblock feature allowing the system to be able to avoid busy signal after a selectable time limit
- Ability to receive a call even if the apt unit is active or in antiblock mode (hand set off the hook)
- EFES System settings update / upload to all indoor units

- Warning beep (every sec) indicating that the door is open
- 15 sec. inactivity timeout period in settings menus

### **3 FUNCTIONS**

#### **3.1 CALL an APT/FLAT**

In standby mode, enter the apartment number. Entry is shown on the LED screen. If there is a wrong entry, press (C) to delete and correct. Press **(B) (Call)** to call. An audio signal will be given and the screen will display **“Calling...”**. Video doorphone screen will be activated automatically. If answered the audio connection will also be established. The call will be terminated when the handset is placed back on the hook on the video doorphone or the Antiblock Time-1 is reached.

#### **3.2 CALL the DOORMAN/BUILDING MANAGER**

In standby mode, enter the number **“255”** and press **(B) (Call)** to call. An audio signal will be given and the screen will display **“Calling...”**. If the call is answered by the doorman, the audio connection will be established. The call will be terminated when the handset is placed back on the hook on the doorman phone or the Antiblock Time-1 is reached.

#### **3.3 DOOR ACCESS**

The building door can be opened with a key, user or apt specific or general PIN (4 digit Personal Identification Number / Passcode) or I-button. If the right PIN is entered or an assigned I-button is touched to the housing, the door lock will be opened and **“OPEN”** will be displayed on the screen. If an invalid PIN or an unassigned I-button is used, the door lock will not open and **“ERROR”** will be displayed on the screen. In both cases an audio signal will be given.

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#### **3.4 DOOR ACCESS with USER PIN**

In standby mode, press the (B) button. The LED screen will display **“---F.No”**. Enter the apt. number and press (B) again. If there was a PIN assigned to that apt. **“----dP”** will be displayed on screen. Enter the 4 digit individual PIN to open the door. If a PIN was not assigned to that apt. system will drop out of this menu.

#### **3.5 USER SETTINGS MENU**

In standby mode, press & hold (1), (2), or (3) until **“----P”** is displayed. Enter the 4 digit user PIN and press (B) to enter the user settings menu. **“Func\_”** will be displayed on screen. Enter the number

of the desired function and press (B) within 15 sec to enter the submenu.

## # Function

1 User PIN settings

2 Door access PIN settings

3 Apt PIN settings

4 Activate/Deactivate calls to apt.

5 Assigning user I-Button /Assigning user Key Fob

6 Deleting the Key Fobs assigned to an apt.

### 3.5.1 USER PIN SETTINGS

In user settings menu, press (1). “----nP” will be displayed on screen. Enter the 4 digit new PIN.

Press (B) to save, (C) to cancel. If cancelled reenter the new PIN and press (B) to save.

### 3.5.2 DOOR ACCESS PIN SETTINGS

In user settings menu, press (2). “----nP” will be displayed on screen. Enter the 4 digit new PIN.

Press (B) to save, (C) to cancel.

### 3.5.3 APARTMENT PIN SETTINGS

In user settings menu, press (3). “---F.No” will be displayed on screen. Enter the apt number (1-255)

and press (B). “----nP” will be displayed on screen. Enter the 4 digit new PIN.

Press (B) to save,

(C) to cancel.

### 3.5.4 ACTIVATE/DEACTIVATE CALLS TO APT

In user settings menu, press (4). “---F.No” will be displayed on screen. Enter the apt number (1-255)

and press (B). Either “Prot\_1” or “Prot\_0” will be displayed on screen, momentarily. These

numbers indicate the call status. “1” indicates call status to the apt is active and “0” indicates call status to

the apt is deactivated. Press (1) to activate and press (0) to deactivate. Press (C) to cancel without

saving.

### 3.5.5 ASSIGNING USER I-BUTTON / KEY FOB

In user settings menu, press (5). “--F.No” will be displayed on screen. Enter the apt number (1-255)

and press (B). “TOUCH” will be displayed on screen. Please touch & hold the desired I-button(or key

fob closer) to the housing, until “FOUND” and “RECORD” is displayed on screen. If that specific Ibutton

was already assigned in the system, “FOUND” and “ERROR” is displayed on screen.

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## 3.6 SYSTEM SETTINGS MENU

In standby mode, press & hold (B). First “SySt” and then “----P” will be displayed on the screen.

Enter the 4 digit system PIN and press (B) again to enter the system settings menu. “**Func\_**” will be displayed on screen. Enter the number of the desired function and press (B) again within 15 sec. to enter the submenu.

### # **Function**

- 1 System PIN settings
- 2 Door access PIN functionality settings
- 3 EFES System settings update / upload to all indoor units
- 4 Assigning the block no
- 5 Deactivate I-button/or all key fobs assigned to all apts
- 6 Allowing door access with apt. PIN
- 7 Adjusting the duration of door lock open time
- 8 Resetting EEPROM memory to factory settings

#### **3.6.1 SYSTEM PIN SETTINGS**

In system settings menu, press (1). “**----nP**” will be displayed on screen. Enter the 4 digit new PIN.

Press (B) to save, (C) to cancel. If cancelled reenter the new PIN and press (B) to save.

#### **3.6.2 DOOR ACCESS PIN FUNCTIONALITY SETTINGS**

In system settings menu, press (2). Either “**Loc\_1**” or “**Loc\_0**” will be displayed on screen,

momentarily. These numbers indicate the door access PIN functionality status. “1” indicates that the PIN

is active and “0” indicates that the PIN is deactivated and can’t be used to open the door. Press (1) to

activate and press (0) to deactivate. Press (C) to cancel without saving.

#### **3.6.3 EFES SYSTEM SETTING UPDATE / UPLOAD**

In system settings menu, press (3). EFES system setting parameters and the corresponding values in

memory will be displayed on screen, momentarily one after another. Each parameter will be displayed,

followed by “**-----**”. Please enter the new value or press (C) to move on to the next parameter

without making any changes. If a new value was entered, press (B) to save. After 5 parameters were

displayed, “**SEND**” and “**PROGR.?**” will be displayed on screen, asking whether these parameter values

should be send to all the apt units! Press (B) to send, press (C) to cancel. EFES apt unit’s system setting parameters and values:

- ABS1** : Antiblock time-1 (min 90sec - max 240sec) input: 9-24
- ABS2** : Antiblock time-2 (min 180sec - max 240sec) input: 18-24
- EAS1** : Screen Active time-1 (min 0sec - max 30sec) input: 0-3
- EAS2** : Screen Active time-2 (min 20sec - max 30sec) input: 2-3
- CH\_**: Connection channel (CH 1 if byte 0x02, CH 1 if byte 0x00) input: 1-2

#### **3.6.4 ASSIGNING THE BLOCK NO**

In system settings menu, press (4). “**BL.No\_**” and actual block number will be displayed on screen for a while. After this number disappears, enter the desired block number (between 0 and 15) and update this time in memory by pressing (B).

### **3.6.5 DEACTIVATE I-BUTTON ASSIGNED TO AN APT**

In system settings menu, press (5). “**---F.No**” will be displayed on screen. Enter the apt number (1-255) and press (B). “**DEL\_?**” will be displayed on screen. Please touch & hold the administrator Ibutton to the housing to deactivate the I-button assigned to that apt.

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### **3.6.6 ALLOWING DOOR ACCESS WITH APT PIN**

In system settings menu, press (6). Either “**dLoc\_1**” or “**dLoc\_0**” will be displayed on screen, momentarily. These numbers indicate the door access with apt. PIN functionality status. “1” indicates that the PIN is active and “0” indicates that the PIN is deactivated and can’t be used to open the door. Press (1) to activate and press (0) to deactivate. Press (C) to cancel without saving.

### **3.6.7 ADJUSTING THE DURATION OF DOOR LOCK OPEN TIME**

In system settings menu, press (7). “**PERIOD**” and “**x\_Sec**” will be displayed on screen. “x” is an administrator/technician determined number between 1-8, designating the door lock open time in memory in seconds. After this number disappears, enter the desired digit (between 1 and 8) and update this time in memory.

### **3.6.8 RESETTING EEPROM MEMORY TO FACTORY SETTINGS**

In system settings menu, service technician can press “**8**” to reset the EEPROM memory to factory settings. You can see the EEPROM memory factory values in Appendix-1.

## **4 FUTURE POTENTIAL PROPERTIES**

- Determining the first apartment number between 2-255 (other than 1)
- Confirmation from the apt unit when saving/changing the apt. PIN for the first time.
- Quickly assigning the I-Buttons in an order of apt number.
- Audio warning signal at the apt unit when apt. PIN or I-Button is used to open the door. (incl. on/off option.
- Audio warning signal at the entry panel when an apt. is called (N/A in current EFES units)

## **5 TECHNICAL PROPERTIES**

Power consumption: Standby mode : 4W (18V-220mA)

Active mode : 5W (18V-280mA)

Apartment capacity : 255

Highest number assignable to an apt. : 255  
 PIN digits : 4  
 User PIN capacity : 10000  
 I-Button capacity (Dallas-DS1990) : 1220  
 Key fob capacity : 9 pcs for each apt.  
 Apt. unit call time : 20 sec.  
 Talk time limit (Antiblock) : 90sec (max. 240sec)  
 Door lock open time : 1-8 sec.

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**APPENDIX-1**

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**TABLE 2: Apartment PINs for Door Access**

**Start of Address End of Address Parameter Default Value Definition**

0x0020 0x0021 Door Access PIN for 1st apt. 0xFFFF 4 digit PIN ( Exp : 0x1234)  
 0x0022 0x0023 Door Access PIN for 2nd apt. 0xFFFF 4 digit PIN ( Exp : 0x1234)  
 0x0024 0x0025 Door Access PIN for 3rd apt. 0xFFFF 4 digit PIN ( Exp : 0x1234)  
 ..... Door Access PIN for ... apt. 0xFFFF  
 0x001F+(2\*n)-1 0x001F+(2\*n) 0xFFFF 4 digit PIN ( Exp : 0x1234)  
 ..... Door Access PIN for ... apt. 0xFFFF  
 0x021A 0x021B Door Access PIN for 254th apt. 0xFFFF 4 digit PIN ( Exp : 0x1234)  
 0x021C 0x021D Door Access PIN for 255th apt. 0xFFFF 4 digit PIN ( Exp : 0x1234)  
 0x021E 0x021F reserved 0xFFFF  
 Door Access PIN for nth apt.

**Default Configuration Settings**

**Parameter Default Value Definition**

0x0000 0x0001 USER SETTINGS PIN 0x1234 “1234”  
 0x0002 0x0003 SYSTEM SETTINGS PIN 0x5678 “5678”  
 0x0004 0x0004 reserved 0x04  
 0x0005 0x0006 Door Access General PIN 0x6666 “6666”  
 0x0007 0x0007 reserved 0x00  
 0x0008 0x0008 Authorization of door access general PIN 0x01 “1” allowed, “0” N/A  
 0x0009 0x0009 DOOR STRIKE TRIGGER TIME 0x01 “1 sec”  
 0x000A 0x000A Authorization of door access private PIN 0x01 “1” allowed, “0” N/A  
 0x000B 0x000B reserved 0x01  
 0x000C 0x000D reserved 0x9999 reserved for next access  
 0x000E 0x000F reserved 0xFFFF  
 0x0010 0x0010 EFES Antiblock Time – 1 0x09 90 sec  
 0x0011 0x0011 EFES Antiblock Time – 2 0x12 180 sec  
 0x0012 0x0012 0x02 20 sec

0x0013 0x0013 0x00 0 sec

0x0014 0x0014 EFES Connection Channel Choosing 0x00 “0” second channel,  
“1” first channel

0x0015 0x001F reserved 0xFF

**TABLE 1: SERIAL NUMBERS OF THE ASSIGNED I-BUTTONS**

**Parameter Default Value Definition**

0x0320 0x0321 Assigned I-Button Capacity 0x0000 for the start “0”

0x0322 0x0327 Master I-Button Serial No 0xFFFFFFFFFFFF 5 byte serial no ,1  
byte apt. no

0x0328 0x032D 1st assigned I-Button Serial No. & Apt. No. 0xFFFFFFFFFFFF  
5 byte serial no ,1 byte apt. no

0x032E 0x0333 2nd assigned I-Button Serial No. & Apt. No.

0xFFFFFFFFFFFF 5 byte serial no ,1 byte apt. no

0x0334 0x0339 3rd assigned I-Button Serial No. & Apt. No. 0xFFFFFFFFFFFF  
5 byte serial no ,1 byte apt. no

..... 0xFFFFFFFFFFFF

..... 0xFFFFFFFFFFFF 5 byte  
serial no ,1 byte apt. no

..... 0xFFFFFFFFFFFF

..... 0xFFFFFFFFFFFF

0x1FB9 0x1FBF 1220th assigned I-Button Serial No. & Apt. No.

0xFFFFFFFFFFFF 5 byte serial no ,1 byte apt. no

0x1FC0 0x1FFF reserved 0xFF

**Start of**

**Address**

**End of**

**Address**

EFES Screen Active Time – 1

EFES Screen Active Time – 2

**Start of**

**Address**

**End of**

**Address**

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**TABLE 3: Call Status For The Apartments**

**Start of Address End of Address Parameter Default Value Definition**

0x0220 0x0220 Status of 1th apt. 0x01 “1” allowed, “0” N/A

0x0221 0x0221 Status of 2nd apt. 0x01 “1” allowed, “0” N/A

0x0222 0x0222 Status of 3rd apt. 0x01 “1” allowed, “0” N/A

..... Status of ... apt. 0x01

0x021F+(n) 0x021F+(n) 0x01 “1” allowed, “0” N/A

.....

0x021D 0x021D Status of 254th apt. 0x01 “1” allowed, “0” N/A

0x021E 0x021E Status of 255th apt. 0x01 “1” allowed, “0” N/A

Status of n<sub>u</sub>th apt.