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SES TEC1ACL Series Cellular System User Guide

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This Quick Start Guide Applies to:
TEC1ACL 2L/4L Series
This example shows how to set a directory record (Code, Name, Phone # and PIN for entrance 1 with 24/7 access) using the keypad. To set a PIN, the ENABLE PINS parameter must be set to 1 (see step 2 below). For

other settings please refer to "TEC1ACL Series Menus"

1. ENTER PROGRAMMING MODE to access the CODES & NAMES menu:
   - Press *0 together to display "Password".
   - Enter 6-digit password followed by * (factory default is 777777*) This displays "MAIN MENU / SELECT 1-8".
   - Press 1 to display "CODES & NAMES, SELECT 1-9"
2. Skip this step if you know PINs are enabled. Press 8 to display "ENABLE PINS = X". If X is 1 press *; if X is 0 then press 1*.
3. Program a directory record to include a PIN:
   - From Codes and Names, press 1 to select "Add New" to display "CODE ="
   - Enter a code followed by * e.g. "100*". Display will now show "NAME ="
   - Enter a name. For NAMES only, after each character, press # to move cursor e.g. J# O# H# N# will spell "JOHN". To complete the name, press *. Display will now show "PHONE # ="
   - Enter phone number e.g. 3055551212, then * to display "PIN ="
   - Enter 4-digit PIN e.g. 1234 then * to display "ENTRANCE = 0"
   - To set entrance 1 Press 1* to display "TG GROUP = 0"
   - To set Time Group 0 Press 0* (TG 0 is 24/7) to show "CODE =" for next entry. If no other entries are needed, exit programming mode.
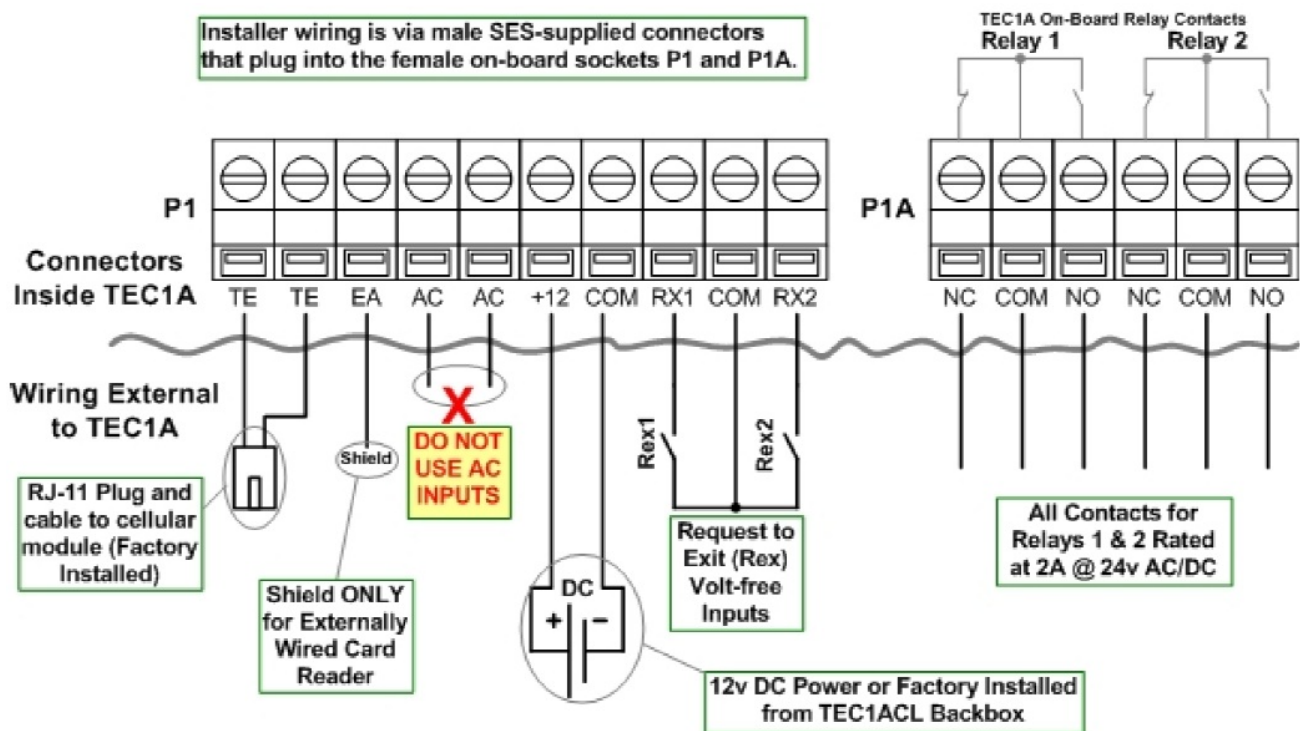4. EXIT PROGRAMMING MODE:
   Press *0 together ===> TEC1ACL welcome message will be displayed.
   Additional Information:
   When Programming with Selcom Software, choose firmware/model selection as TEC1ACL 2.5 and up.

Quick Start Installation Guide (See TEC1ACL Installer Guide for Safety Warnings)

- Power: DO NOT USE AC TRANSFORMER. A 12 VDC/2A power supply is supplied and should be wired to DC input marked on the back box terminal block. Internal power connection from the terminal block to P1 connector on PCB is factory installed. If installer chooses, at his own risk, not to use the power supply provided, warranty is voided.
- Ground: The TEC1ACL Ground Stud MUST be connected using a minimum #16 ga. stranded wire connected to a good earth ground using e.g. a ground rod or cold water pipe. The maximum ground wire length is 50 feet. If an adequate earth ground is not provided, surge damage protection built into TEC1ACL series units diminishes and voids the warranty.
- Telephone: RJ-11 plug and cable for dial-out phone from Cellular Interface Module (Factory installed).Connect to TE-TE on P1.
- Relays: Two (2) relays with both (N/O) and (N/C). Maximum rating each contact 24 volts AC/DC at 2A. Connect using NC/COM/NO NC/COM/NO on P1A
- Rex (Request to Exit) Inputs: The RX1 and RX2 are VOLT-FREE (dry) contacts. Connect using RX1-COM-RX2 on P1.

Installer wiring is via male SES-supplied connectors that plug into the female on-board sockets P1 and P1A.

TEC1A On-Board Relay Contacts
Relay 1   Relay 2

P1

Connectors Inside TEC1A
TE TE EA AC AC +12 COM RX1 COM RX2

P1A
NC COM NO   NC COM NO

Wiring External to TEC1A

X DO NOT USE AC INPUTS

Rex1   Rex2

RJ-11 Plug and cable to cellular module (Factory Installed)

Shield

Shield ONLY for Externally Wired Card Reader

DC
+ −

Request to Exit (Rex) Volt-free Inputs

All Contacts for Relays 1 & 2 Rated at 2A @ 24v AC/DC

12v DC Power or Factory Installed from TEC1ACL Backbox

MAIN MENU

1.

PRESS # TO VIEW DIRECTORY

PRESS AND HOLD ## FOR FAST FORWARD.
PRESS AND HOLD ✱ FOR FAST REVERSE.

CODES & NAMES
2. ENT. CONTROL
3. SYS. PARAM.
4. TITLE PAGE
5. CLOCK SETUP
6. SITE CODES
7. LOG DATA
8. CLEAR DATA
9. DISPLAY DATA

1- CODES & NAMES- DIRECTORY RECORDS
1-ADD/EDIT- This is the sequence of adding, editing and deleting RECORDS on the directory.

E = Entrance/Door number	1= ENT 1	2=ENT 2	3=ENT 1 & 2
T= Time group number	T= (1-7)	T= 0 (24/7)	

```
CODE  NAME  PHONE     PIN   ET  CARD1   ET CARD2   ET CARD3 ET CARD4 ET
1234    Nick R.  5551234567 1234   10   12345    20  23456 30 00001 32 00025 11
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- 2- FIND NAME - Search for a name in the directory, and find the code location number
- 3- FIND PIN- Search for a pin programmed and gives you the code location number
- 4- FIND CARD- Search for a card programmed and gives you the code location number
- 5- CODES USED- Shows how many codes are already in used from the total memory cap.
- 8- ENABLE PINS- Pins capability 0 = disable / 1 = enable
- 9- ENABLE CARDS- Cards capability and diagnostic mode.
- 0 = disable / 1 = enable / 2 = diagnostic (will show card info on Display)

2- ENT. CONTROL- ENTRANCE CONFIGURATION   DEFAULT

- 1. ENT 1 TIME - Door 1 time (01 – 99) sec   10
- 2. ENT 1 TONE - Door 1 open tone (0 – 9) tone 0 = off   6
- 3. ENT 1 LATCH- Door 1 hold open tone (0 – 9) tone 0 = off   0
- 4. ENT 1 GP SHD - Auto unlock Time Sched Group (0 – 7) TG 0 = none   0
- 5. ENT 2 TIME- Door 2 time (01 – 99) sec   10
- 6. ENT 2 TONE - Door 2 open tone (0 – 9) tone 0 = off   0
- 7. ENT 2 LATCH- Door 2 hold open tone (0 – 9) tone 0 = off   0
- 8. ENT 2 GP SHD- Auto unlock Time Sched Group (0 – 7) TG 0 = none   0

3- SYS. PARAM. - SYSTEM PARAMETERS   DEFAULTS

- 1- CODE LEN- Directory code size (1 – 4) digit code   3
- 2- TALK TIME - Time talking after connect (1 – 9) min   1
- 3- RING COUNT- # of rings to answer (0 – 9) 0 = off   3
- 4- STRIKE OUT - # of pins attempt (0 – 9) 0 = disable   3
- 5- KEYPAD ON- After call placed 0 = disable / 1 = KP active   0
- 6- SPKR TONE - Tone to enable SPKR (0 – 9) 0 = disable   0
- 7- PSWD- Programming password (6 Digits)   777777
- 8- SER NUM - Unit serial number (6 Digits)   2xxxxx

4- TITLE PAGE - DISPLAY MESSAGES

- 1- TITLE PAGE 2 line programmable / 4 line programmable Display message
- 2- DISP TYPE 1 = 2 line display / 2 = 4 line display Size

5- CLOCK SETUP

- 1- CLOCK Set <min (00-59)/hour (00-24)/day (Sun 1-Sat 7)/date (DD/MM/YY)>

  05:58 01/02/20 2 CLK: 5:58 am Jan 2 2020 Monday

  17:30 01/10/20 6 CLK: 5:00 pm Jan 10 2020 Friday
- 2- TIME SCHEDULES (0 – 24) hours start and end times / (1 – 7) week days

  SCHED STIME ETIME SMTWTFSH

  0 06:00 17:30 -23456- from 6:00 am to 5:30 pm Mon-Fri

  1 08:00 12:00 1------7 from 8:00 am to Noon Sun & Sat
- 3- HOLIDAYS (0-9) 10 holidays

  HOL MONTH DATE

  0 06 04 Jul 4

  1 12 25 Dec 25
- 4- TIME SCHED GROUP (1-7) 7 group of time schedules

  GRP TSCHED

  01234567

  1 0------- Group 1 will follow Time Schedule 0

  2 -1------ Group 2 will follow Time Schedule 1

  3 01------ Group 3 will follow Time Schedule 0 & 1

6- SITE CODES - SC = Facility codes

- 1- SITE CODE (0-9) 10 facility codes
- SITE CODE 0 001 Location 0 SC=001
- SITE CODE 1 255 Location 1 SC=255

7- LOG. DATA - BUFFER CONTROL

- 1- VIEW LOG Shows log transactions by page
- 2- SEND LOG Shows all transactions
- 3- LOG SIZE Shows numbers of events and buffer space available
- 4- CLEAR LOG Erase log 0 = no / 1 = yes

8- CLEAR DATA (In all erase options 0 = no / 1 = yes)

- 1- SET PARAMETERS Set all parameters back to factory defaults
- 2- CLR TIMESCHEDS Erased all times schedules
- 3- CLR HOLIDAYS Erased all holidays
- 4- CLR TS GROUPS Erased all time groups
- 5- CLR SITE CODES Erased all sites codes
- 6- SET TITLE PAGE Set title page back to factory defaults

9- DISPLAY DATA

1- SHOW INFO Shows main parameters on computer screen
VER 2.XX
CODE/NAME CAPACITY = 0051

CODE LEN = 3
ENABLE PINS = 0
ENABLE CARDS = 0
PRESS # TO SEE THE
NAMES THEN DIAL THE
CODE TO THE RIGHT
OF THE NAME

PASSWORD = 777777
<CR> TO CONTINUE

Documents / Resources

SES TEC1ACL Series Cellular System [pdf] User Guide
TEC1ACL Series, Cellular System