

**U.S. Patent Nos. 6556663, D448011**

**Aegis® 600T-T5-TP Telephone  
User Manual**

**ScITEC**

Telecom Solutions for a Global Marketplace™

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## **Features:**

- (1) Half duplex speakerphone.
- (2) LED indicators: line 1, line 2, speakerphone, mute, and conference.
- (3) SiTouch™/Unalight™ message waiting light and programmable message retrieval touchbar compatible with both AT&T/Lucent LED and high voltage neon message waiting light systems.
- (4) Flexible dataport.
- (5) Speed dial buttons.
- (6) Manual programming of speed dial memory keys and SiTouch™ message retrieval key.
- (7) Mute, flash, and redial keys.
- (8) Store and pause buttons under faceplate.
- (9) Ringer volume controls with separate H/L/O setting for each line.
- (10) Handset and speakerphone volume control with four steps.
- (11) Three way conference.
- (12) Different ringing tone for Line1 and Line 2.

## **Installation**

The Aegis® 600T-T5-TP telephone is designed for use with registered PBX systems. Determine that you have the correct modular jack for connecting the telephone. If you do not have a modular jack, one may be obtained at a minimal cost from a local hardware store or home center.

No external power source is required for the AEGIS® 600T-T5-TP 2-line telephone. This telephone is line-powered.

Insert one end of the coiled handset cord into the small jack marked with the "handsets" symbol on the left side of phone. Insert the other end into the jack on the lower end of handset.

Connect the standard 6-conductor line cord from the telephone system wall jack to the jack on the rear of the phone.

## Controls, Connections, and Function keys:

- (1) **Ringer Volume** – Adjusts ringer volume to LOW or HI. Each line has a separate ringer volume switch.
- (2) **Handset Holder** – Use to temporarily hold the handset without hanging up when phone is mounted to wall
- (3) **Handset Wall Mount Clip** – Clip to hold handset on hook when phone is mounted to wall
- (4) **Hearing Aid Compatible Handset**
- (5) **Handset Jack** – Modular jack to connect coiled handset cord from handset to telephone
- (6) **Data Port** – Provides direct connection to telephone line for modem, fax, or answering machine
- (7) **[PAUSE] Key** – Hidden key (under faceplate) inserts a 3.0 seconds pause in stored numbers
- (8) **[STORE] key** – Hidden key (under faceplate) for manually storing numbers in memory keys and [SITOUCH] key.
- (9) **Memory Keys**–Programmable for “one touch” dialing of frequently used numbers or to add special features available through PBX function codes
- (10) **Dataport switch** – Hidden switch (under faceplate) for selecting telephone line used for dataport
- (11) **Dial Keys** – Oversized keys for easy dialing
- (12) **[VOL] bar** – Up/Down rocker key adjusts handset and speakerphone volume level [Normal – Medium – High – Highest]
- (13) **[REDIAL] Key** – Redials the last number dialed.
- (14) **[FLASH] Key** – Sends a 600ms hookswitch flash to PBX for accessing special PBX telephone system features.
- (15) **SiTouch™/Unalight™ Message Waiting Light [MWL]** -Also a programmable memory key that activates the speakerphone when pressed
- (16) **[HOLD] Key** – Places caller on the currently selected line on hold.
- (17) **[LINE1] Key** – Selects line 1 and activates speakerphone.
- (18) **[LINE2] Key** – Selects line 2 and activates speakerphone.
- (19) **[SPKR] Key** – Activates speakerphone function. Automatically

selects line 1 or line 2 on 2-line models.

- (20) **[MUTE] Key** – Shuts off all sound from handset or speakerphone microphone without hanging up on caller.
- (21) **[CONF] Key** – Makes three-way conference call using both line 1 and line 2.

### Using the AEGIS® 600T-TS-TP Telephone

#### Placing calls –

- a. **Using handset:** Lift handset. Then dial number or press a programmed memory key. Line 1 is selected automatically. If you wish to use line 2 instead of line 1, press [LINE2] key after lifting handset. Then dial.
- b. **Using speakerphone:** Press [SPKR]. Then dial number or press a programmed memory key. Pressing either [LINE1] or [LINE2] selects a line and at the same time activates the speakerphone.

**Answering calls** – Lift handset or press [SPKR] to answer a call. The auto line select feature will automatically select the ringing line.

**Moving to another telephone** – place the caller on hold by pressing the [HOLD] key. Then replace the handset in its cradle. When using speakerphone, just press [HOLD] to place the caller on hold. Go to another telephone and pick up the handset or press [SPKR] to continue the call.

**Answering a second call** – Press [HOLD] to answer a call on a different line while currently taking a call. Then press the appropriate [LINE1] or [LINE2] key for the new incoming call. After completing the new call press the other line key to resume the original call.

**Adjusting handset and speaker volume** – press the [▲] or [▼] side of [VOL] bar. Each press increases or decreases volume through the range of Normal – Medium – High – Highest. Adjust as desired.

### Manual programming memory keys:

Remove faceplate to access hidden buttons. Press [STORE], dial the desired number, including the [PAUSE], [FLASH] key where necessary. Then press a [MEMORY] key (including [SITOUCH]) to finish. The [MEMORY] or [SITOUCH] key should now dial the stored sequence when pressed.

Flash time is also programmable. The procedure is as follows: off-hook+[STORE] key+1 or 3 or 6+[STORE] key+[FLASH] key, here 1,3,6 respectively denotes 100ms,300ms,600ms of flash time.

Pause time is also programmable. The procedure is as follows: off-hook+[STORE] key+1 or 2 or 3 or 4+[STORE] key+[PAUSE] key, here 1,2,3,4 respectively denotes 1s,2s,3s,4s of pause time.

The HOLD mode may be programmed as PBX hold. The procedure is as follows: off-hook+[STORE] key+ PBX hold activating passcode+[STORE] key+[HOLD] key.

The procedure to cancel the code setting in Speed-dial keys. [SITOUCH] key, [FLASH] key, [PAUSE] key and [HOLD] key is as follows: off-hook+[STORE] key+[STORE] key+ Speed-dial keys, [SITOUCH] key, [FLASH] key, [PAUSE] key or [HOLD] key.

**Making conference calls** - Dial or answer a call on one line and press [HOLD]. Place the second call on the other line, then press the [CONF] key to activate a three way conference. Press [Line 1] or [Line 2] to drop either party from the three way conference. Replace the handset on its cradle or press [SPKR] to end the conference call.

**SITouch™/Unalight™ Message Waiting Light** - Fully compatible with AT&T/Lucent low-voltage LED and conventional high voltage neon message waiting light systems. When the [SITOUCH] touchbar is pushed, it automatically activates the speakerphone and dials a programmed sequence if programmed to do so (see "programming memory key" above).

**If the phone is used with a voice mail system**, program the [SITOUCH] key as follows: First, press [STORE], then dial the number to access the voice mail system, press [PAUSE], dial the ID code to retrieve messages for this phone's extension number, then (if needed) press the key that starts the playback of stored messages. When this sequence is properly stored, pressing the [SITOUCH] by itself will cause stored messages to be played through the speakerphone.

**Flexible dataport**- When the dataport switch is to the left, the dataport will first try to use line 2. If not available, then it will use line 1. This selection is automatic. If the dataport switch is to the right, the dataport will always use line 3 (this mode requires a wall jack wired for 3 lines).

### Converting the AEGIS® 600 T-T5-TP Phone to Wall Mount

It is best to do this conversion before connecting the handset and line cords

1. The wall/desk handset clip is on the front of the phone directly above the speaker grill. This clip is spring loaded. Gently pull it up and turn 1/2 turn to change from desk to wall mount. In the wall position, the clip extends up to hold the handset in place. This clip does not come off so it cannot be lost.
2. Turn the AEGIS® 600T-T5-TP telephone over so the telephone face is down.
3. Locate the wall-mounting bracket. Note the 4 retaining tabs on bracket.
4. Rotate the wall-mounting bracket so that the Scitec "Sun" designs are toward the bottom of the phone.
5. Insert the 4 retaining tabs of the wall-mounting bracket into the 4 slots located near the middle of the telephone. Firmly push to insert the 4retaining tabs. They will click into place.
6. Connect a short line cord into the jack on the rear of the phone. Route the line cord through the line cord channel. Connect the other end of the line cord to the phone jack on the wall.
7. Hold telephone in front of the 2 mushroom shaped mounting posts on the wall jack. Line up both keyholes on wall-mounting bracket with

the 2 posts. After engaging wall-mounting bracket with posts, slide telephone down slightly. When properly installed the telephone will be firmly attached to the wall.

### **Required FCC Notice**

REN is used to determine the quantity of devices, which may be connected to the telephone line. Excessive REN's on the telephone line may result in the devices not ringing in response to an incoming call. In most, but not all areas, the sum of the REN's should not exceed five (5.0). To be certain of the number of devices that may be connected to the line as determined by the total REN's, contact the telephone company or PBX manufacturer to determine the maximum REN for the calling area.

If this equipment causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. If advance notice isn't practical, the Telephone Company will notify you as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

The Telephone Company may make changes in its facilities, equipment, operations, or procedures that could affect the operation of this telephone. If this happens, the Telephone Company will provide advance notice in order for you to make the necessary modifications in order to maintain uninterrupted service.

If you experience trouble with this telephone, please contact Scitec, Inc. at (800) 451-4035 for repair or warranty information. If the trouble is causing harm to the telephone network, the Telephone Company may request that you remove the equipment from the network until the problem is resolved. The customer can do the following repairs: replacement of cords or handset; replacement of window for telephone number.

This telephone cannot be used on Telephone Company provided coin service. Connection to Party Line Service is subject to state tariffs.

### **Industry Canada Notice**

#### **CP-01, Issue 8, Part I Section 14.1**

**"NOTICE:** The Industry Canada label identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective, operational and safety requirements as prescribed in the appropriate Terminal Equipment Technical Requirements document(s). The Department does not guarantee the equipment will operate to the user's satisfaction.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be coordinated by a representative designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

**Caution:** Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate."

**Warranty**

“NOTICE: The Ringer Equivalence Number (REN) assigned to each terminal device provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence Numbers of all the devices does not exceed 5.”

**FCC Approval**

Your Aegis® 600T-T5-TP Telephone complies with Part 68 of FCC rules. On the bottom of this telephone is a label that contains, among other information, the FCC registration number and the ringer equivalence number (REN) for this telephone. If requested, you must provide this information to the telephone company.

**Hearing Aid Compatibility**

The Aegis® 600 T-T5-TP telephone is hearing aid compatible.

Scitec, Inc. (Scitec) warrants this product to be free from defects in material and workmanship for a period of 5 years from the date of purchase. This warranty applies only to the original purchaser and only to products employed in normal residential use and service; or normal use and service in hotel/motel guestrooms, universities, or standard commercial office settings. If this product is found to be defective, Scitec's only obligation -- and your exclusive remedy -- is the repair or replacement of the product, at Scitec's discretion, provided that the product has not been damaged through misuse, abuse, accident, modification, alteration, neglect, or mishandling.

This warranty shall not apply to any product which is found to have been improperly installed, configured, or used in any way not in accordance with the instructions supplied with this product.

For repair or replacement, call Scitec at (800) 451-4035 to obtain a "Return Authorization" and receive shipping instructions. Units returned without a Return Authorization will be refused.

Scitec does not warrant and specifically disclaims any warranty, whether express or implied, of the fitness for a particular purpose other than the warranty contained herein. No implied warranty on this product, created by state law, shall extend beyond the term of this warranty unless such law otherwise provides.

Scitec specifically disclaims any liability and shall not be liable for any consequential or incidental loss or damage, including but not limited to damages to any equipment with which this product is used. Some states do not allow the exclusion or limitation of incidental or consequential damages so the above limitations or exclusions may not apply to you.

No agent, representative, dealer or employee of Scitec has the authority to increase or alter the obligations or terms of this Warranty.

This Warranty gives you specific legal rights and you may also have other rights, which vary, from state to state.

This Warranty is only valid for merchandise purchased directly from Scitec or from Scitec Authorized U.S. and Canadian dealers and distributors.