CVD-6050, CVD-6050P, CVD-6050PS
Cellular Voice/Dialer System

INSTALLATION INSTRUCTIONS

CVD-6050 is a complete four-channel monitoring system with Enhanced Audio Features. Faults in N.O. or N.C. zone circuits, and AC Power Out or AC Power Restored, prompt either cellular only, or landline backed by cellular calling of up to eight phone numbers sequentially. Pre-recorded messages, released when calls are answered, identify events specific to locations and conditions being monitored. Intrusion, and other emergencies, can be remotely confirmed with Listen-in and Two-Way Audio feature.

INPUT/OUTPUT PRE-WIRING PREPARATION

Knockouts are provided in the Cabinet for wire entry/exit when using metallic or non-metallic conduit, or other shielding.

Run wiring from monitoring devices (up to four) to the pre-determined Cabinet location. Be sure to mark wires N.O. or N.C. per device configuration.

Route the 16AWG White Power Cord for the Transformer from a 120VAC outlet to the Cabinet location. Extend wire if necessary.

Route the cell phone charger wire from a nearby AC outlet to the Cabinet location. Extend wire if necessary.

If a bell, light, or siren is part of your system, you should route that wire to the Cabinet location at this time.

LISTEN IN / TWO-WAY AUDIO INSTALLATION

Determine a central location for the Audio Module; it can be wall or ceiling mounted. Make sure that you have determined the CVD-6050 Dialer location, and that it is within the Audio Cable length.

A template is supplied for drilling Mounting Anchor and Plug relief holes. Route the right angle Plug through a 1" hole and insert the Plug into the Audio Module jack. Install supplied Anchors, and mount the Audio Module. Run the Audio Cable (conceal) to the CVD-6050 Dialer.

Refer to the CVD-6050 User Manual and CVD-6050 Supplement for complete "how to" instructions regarding Listen In and Two-Way audio features.

AC POWER MONITORING PREPARATION

The AC Adapter **must be used** when monitoring AC power.

Route the AC Adapter (plugged into the DC Power Pack) to a 120VAC outlet on a circuit that must remain on-line. The Adapter cable can be extended hundreds of feet to reach a desired location without violating electrical codes.

An entire facility, a specific area, a machine, etc., may be monitored for power out/power restored. If machinery is 240VAC, voltage power to the AC Adapter must be stepped down to 120VAC.

CABINET MOUNTING

Four teardrop holes in the back of the metal Cabinet can be used for surface mounting the Cabinet.

INPUT/OUTPUT CONNECTIONS

A Wiring Diagram on the Cabinet door identifies all necessary and optional connections. The suggested connection sequence is as follows:

1. Connect inputs to the Channels 1 through 4 terminals on the Terminal Block.

2. Connect local alarm device (Bell, Light, Siren, etc.) to +12VDC and + AUX Output Terminals.

3. Connect ends of the 16AWG White Power Cord to the Mini Controller, AC Input. Connect other ends of 16AWG White Power Cord (routed to AC outlet) to the Transformer outer terminals marked AC.

4. Plug cell phone charger wire into cell phone.

5. Connect an "in cabinet type" backup battery (see COMPONENT IDENTIFICATION) by pushing the Red and Blue Connectors, routed from the Mini Controller Location Battery Rechargeable, onto the battery posts. A standard 12V, 7.0Ah battery is recommended. Battery is not supplied with the System.

   Note: 12V backup (battery in cabinet or other source) supplies power to the Cell Phone Docking Module during a power outage. The Dialer will be powered by the DC Power Pack for up to 30 hours during an outage.

CELL PHONE DOCKING (PARING)

If you have CVD-6050P or CVD-6050PS, make sure that all power connections are completed (power up System) and then proceed to PROGRAMMING NOTES below.

If you have a CVD-6050 model, "your" cell phone must be paired to the Cell Phone Docking Module.

1. Make sure that all power connections are completed: Power up System.

2. Hold down the button (marked with a single dot) on the Docking Module until it starts flashing.

3. Enable Bluetooth on your phone, or search for Bluetooth, or "Handsfree" devices, or search for headsets.

4. Select XLink Gateway.

5. Enter PIN when prompted. See label on Cell Phone Docking Module for PIN code. Note: When paring is complete, the button light (marked with single dot) turns to solid green.

Proceed to PROGRAMMING NOTES.

LANDLINE CALLING WITH CELLULAR BACKUP

The system can use a landline as the primary connection and cellular service as backup. If the landline is disrupted or cut, the system will immediately switch to cellular.

To enable landline, Route a telephone cord (RJ11 to RJ11) from the lower RJ11 jack on the Cell Phone Docking Module (marked with telephone pole symbol) to a telephone wall jack.

PROGRAMMING NOTES

Please pay attention to N.O. or N.C. when setting up channels or zones.

When entering phone numbers, remember to enter a # symbol after the last phone number digit. A # symbol is required to make the CVD-6050 Cell Phone dial.

To leave a message, include three pauses (P) after the # symbol.

PROGRAMMING NOTES (Continued)

For pagers, program for a regular phone number and after the # symbol insert five pauses (P) followed by the return call number and the # symbol.

For cell numbers, enter cell number, # symbol, and up to five pauses (P) in cases where cellular response is slow.

Complete programming instructions for the CVD-6050 Dialer are found in its User Manual.

If installation and programming are completed, proceed to testing the system by simulating channel or zone event

NOTE

The Dialer is Velcro mounted and can be pulled out for programming and to access switches on back.

Thank you for choosing…

United Security Products, Inc.

(T) 800-227-1592
(F) 858-413-0124
Email: sales@unitedsecurity.com
Web: www.unitedsecurity.com

40 Years of Superior American Manufacturing
Made in U.S.A

AC Adapter

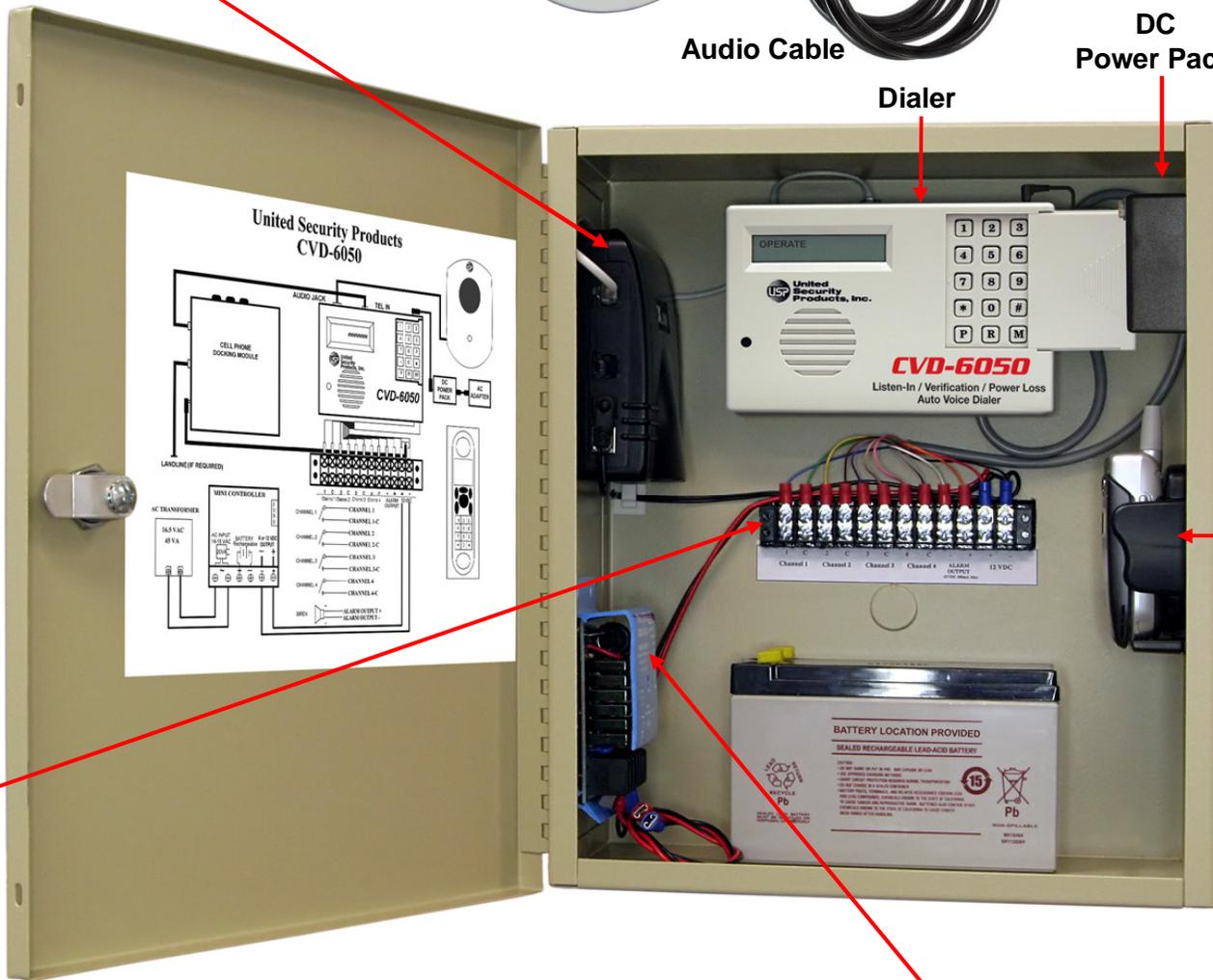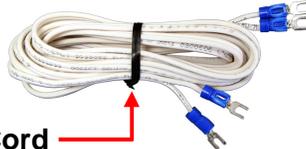Cell Phone Docking Module

Audio Module

Audio Cable

DC Power Pack

Dialer

OPERATE

CVD-6050
Listen-In / Verification / Power Loss
Auto Voice Dialer

United Security Products, Inc.

CVD-6050

Mini Controller

Terminal Block

16AWG White Power Cord

Transformer

Cell Phone Holder

REV. 05.12

CVD-6050 Supplement

The CVD-6050 comes with a remote audio box with built-in speaker/microphone combination. A 50ft shielded cable connects the dialer, which may be concealed, to the audio box. Select a suitable location for the audio box in an area that is normally quiet during the secured period. You may mount the box on ceiling or dry wall with hardware included, with the option to either route the cable behind the wall or ceiling or along the surface. Please MAKE SURE that cable plugs are completely inserted into both remote audio box and dialer jacks: Press in firmly.

IMPORTANT: Before operating the system, program the dialer in accordance with the User Manual included - without the remote cable plugged into the dialer.

OPERATION:
Placement of the audio box should be in an area that is reasonable quiet, away from noisy equipment or open windows. When activated during entry into the protected area, the dialer then calls a designated number. The person called then presses key "1" to listen for suspicious sounds during a 60-sec period, which can be extended each time "1" is pressed. When it becomes apparent that entry into the secured area is the result of a break-in, hang up and notify the Responding Authority. If during the listen mode it becomes obvious that someone entering the facility does so without disabling the alarm circuit, i.e. store proprietor or family member, you may initiate the 2-way (60-sec) conversational mode by pressing "2", and do so repeatedly to extend the 60-sec period, followed by the "##" command to remotely turn off the dialer.