

# CVD-2020, CVD-2020P, CVD-2020PS

## Cellular Voice/Dialer System

### INSTALLATION INSTRUCTIONS

*CVD-2025 is a complete four-channel monitoring system. Faults in N.O. or N.C. zone circuits 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.*

#### INPUT/OUTPUT PRE-WIRING PREPARATION

A Greenlee cutter works best for making a hole in the Cabinet for wire entry/exit when using metallic or non-metallic conduit, or other shielding. Place the punch of Greenlee cutter on the inside of the enclosure and draw the punch through to the outside to cut a hole.

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.

#### CABINET MOUNTING

Four 10-32 screws are supplied for panel mounting the Cabinet from the back. If the Cabinet is being wall mounted from the front, optional CD-F mounting feet are available.

#### 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) 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 and the Dialer during a power outage.

#### CELL PHONE DOCKING (PARING)

If you have CVD-2020P or CVD-2020PS, make sure that all power connections are completed (power up System) and then proceed to PROGRAMMING NOTES below.

If you have a CVD-2020 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

Complete programming instructions for the CVD-2020 Dialer are found in its User Manual.

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 cell phone dial.

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

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

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.

## NEMA CABINET

The fiberglass Cabinet is Hubbell Wiegmann model HW-121006CHQR. It has a NEMA Standard 250 rating of: 1, 3, 3S, 12, 13, 4X. The quick release door latches are designed for padlocks.

## COMPONENT IDENTIFICATION

See below. Green dots indicate typical wire entry/exit hole locations.

*Thank you for choosing...*



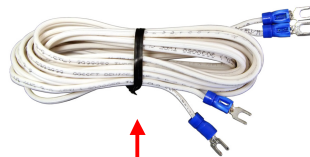
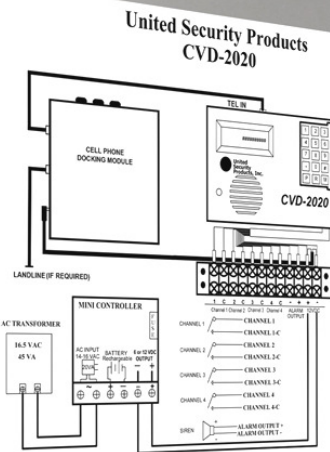
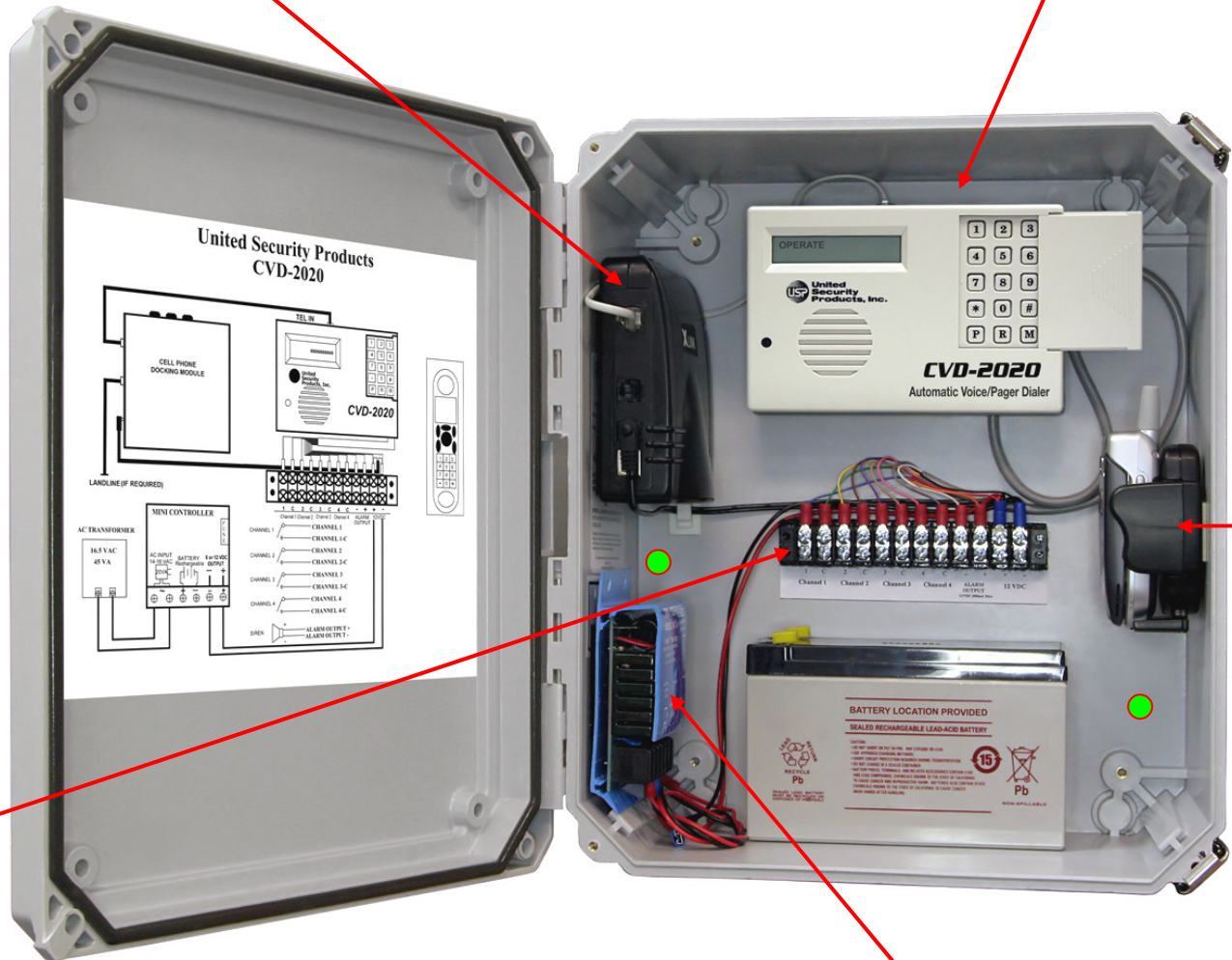
(T) 800-227-1592  
(F) 858-413-0124

Email: sales@unitedsecurity.com  
Web: www.unitedsecurity.com

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

Cell Phone  
Docking Module

Dialer



16AWG White Power Cord



Mini Controller

Transformer

Cell Phone Holder

Terminal Block

Cell Phone included with CVD-2020P and CVD-2020PS  
Battery not included with Systems

REV.07.10