Ademco 5828

Honeywell 5828 Ademco Wireless Keypad User Manual

Model: 5828 | Brand: Ademco

INTRODUCTION

The Honeywell 5828 Ademco Wireless Keypad is a versatile and essential component of your security system, designed to provide convenient control and status updates. This manual provides comprehensive instructions for the proper installation, operation, and maintenance of your wireless keypad, ensuring optimal performance and reliability.
Please read this manual thoroughly before attempting to install or operate the keypad. Keep it for future reference.

SAFETY INFORMATION

- **Power Source:** This keypad is primarily battery-powered. An optional AC adapter (sold separately) can be used for continuous power. Ensure correct polarity when inserting batteries.

- **Location:** Install the keypad in a dry, indoor location, away from direct sunlight, extreme temperatures, and high humidity. Avoid placing it near large metal objects or electrical interference sources that could affect wireless communication.

- **Cleaning:** Use a soft, dry cloth for cleaning. Do not use liquid or aerosol cleaners, as they may damage the keypad.

- **Disassembly:** Do not attempt to disassemble or repair the keypad yourself. Refer all servicing to qualified service personnel.

PACKAGE CONTENTS

Verify that all items are present in your package:

- Honeywell 5828 Ademco Wireless Keypad Unit

- Mounting Hardware (screws, anchors)

- User Manual (this document)

- *Note: Batteries and AC power adapter are typically sold separately.*

SETUP AND INSTALLATION

1. Powering the Keypad

The 5828 keypad can be powered by batteries or an optional AC adapter.

1. **Battery Installation:** Open the battery compartment on the back of the keypad. Insert the required batteries (typically AA,

refer to the keypad's battery compartment for exact type and quantity), ensuring correct polarity. The keypad will power on.

2. **AC Adapter (Optional):** If using an AC adapter (e.g., Honeywell K0991, sold separately), connect it to the power jack on the keypad and plug it into a standard wall outlet. Using an AC adapter allows the keypad display to remain active continuously, unlike battery-only operation where the display may go to sleep to conserve power.

2. Mounting the Keypad

Choose a suitable location for your keypad, typically near an entry/exit point. Ensure it is within wireless range of your main alarm control panel.

1. **Wall Mounting:**

   a. Carefully detach the back plate from the keypad unit.

   b. Hold the back plate against the wall at the desired height and mark the screw hole locations.

   c. Drill pilot holes if necessary and insert wall anchors.

   d. Secure the back plate to the wall using the provided screws.

   e. Align the keypad unit with the mounted back plate and snap it into place.

2. **Desk Mounting (Optional):** An optional desk mount (P/N 5828DM) is available for tabletop placement. Follow the instructions provided with the desk mount accessory.
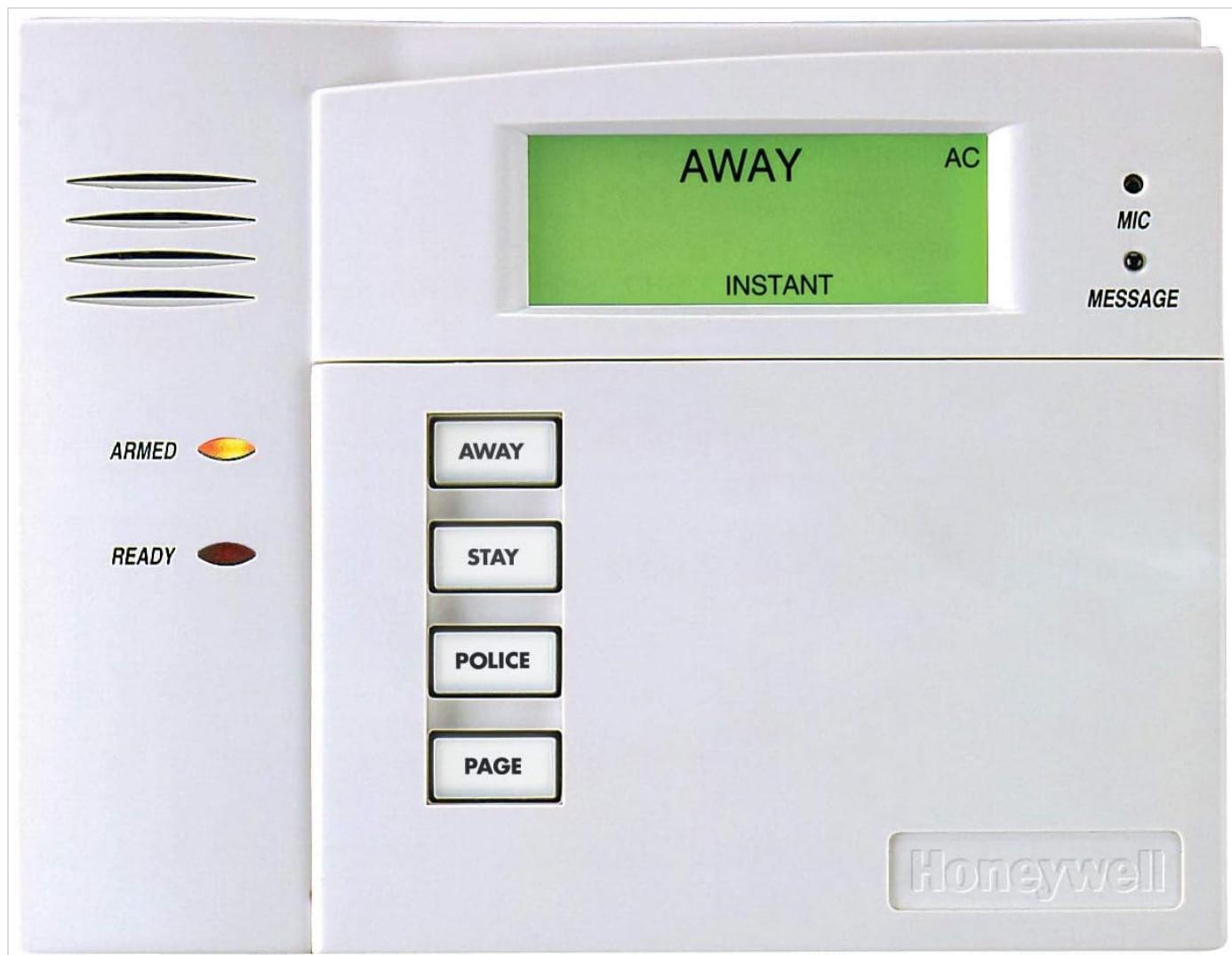

Figure 1: Front view of the Honeywell 5828 Ademco Wireless Keypad, showing the display, status indicators, and function buttons.

Figure 2: The Honeywell 5828 Ademco Wireless Keypad installed on a wall, demonstrating typical usage by a person.

Figure 3: The keypad with its numeric key section extended, revealing the full set of input buttons for code entry.

Shown w/ Optional Deskmount - P/N 5828DM
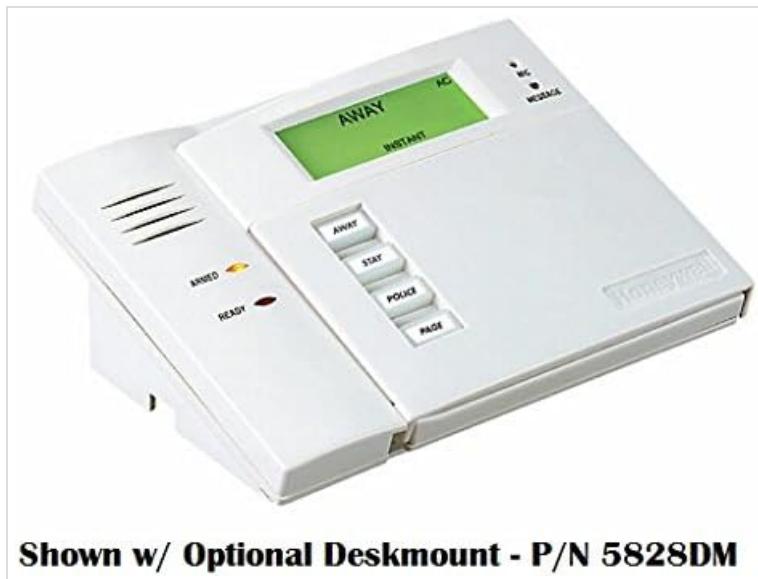
Figure 4: The Honeywell 5828 Ademco Wireless Keypad displayed with the optional desk mount accessory (P/N 5828DM), allowing for tabletop placement.

3. Enrolling the Keypad with Your Alarm System

The 5828 is a wireless device and must be enrolled (programmed) into your compatible Honeywell alarm control panel (e.g., LYNX series) before it can function. Refer to your main alarm system's installation manual for detailed instructions on enrolling wireless

devices. This typically involves:

- Putting the control panel into programming mode.
- Entering the keypad's serial number (located on the back of the unit).
- Assigning a zone or device type to the keypad.
- Testing communication between the keypad and the control panel.

Consult a professional installer if you are unsure about the enrollment process.

OPERATING INSTRUCTIONS

Keypad Layout and Indicators

The 5828 keypad features a clear display, dedicated function buttons, and status indicator lights.

- **Display Screen:** Shows system status, messages, and prompts.
- **ARMED Indicator (Red/Orange LED):** Illuminates when the system is armed.
- **READY Indicator (Green LED):** Illuminates when the system is ready to be armed (all zones are closed).
- **Function Buttons:**

  - **AWAY:** Arms the system in Away mode (all zones, including interior, are armed).
  - **STAY:** Arms the system in Stay mode (perimeter zones are armed, interior zones are bypassed).
  - **POLICE:** Panic button for police emergency (requires programming).
  - **PAGE:** Pager function (requires programming).

- **Numeric Keypad:** Used for entering user codes and other numerical inputs.
- **MIC** / **MESSAGE:** Microphone and message playback button for voice features (if supported by your main panel).

Arming the System

Before arming, ensure the READY light is illuminated, indicating all protected zones are closed.

1. **To Arm AWAY:**

   a. Enter your 4-digit user code.
   b. Press the **AWAY** button.
   c. The keypad will beep, and the ARMED light will illuminate. An exit delay will begin.

2. **To Arm STAY:**

   a. Enter your 4-digit user code.
   b. Press the **STAY** button.
   c. The keypad will beep, and the ARMED light will illuminate.

Disarming the System

To disarm the system and silence any alarms:

1. Enter your 4-digit user code.
2. The system will disarm, and the ARMED light will turn off.

Checking System Status

The display provides real-time system status. If the keypad is battery-powered without an AC adapter, the display may go blank to conserve power. Press any key to wake it up and view the status.

- **READY:** Indicates the system is ready to be armed.

- **NOT READY:** Indicates one or more zones are open (e.g., a door or window is open). The display will typically show which zone is open.

- **ARMED AWAY** / **ARMED STAY:** Indicates the current arming mode.

- **AC:** Indicates AC power is connected (if using an optional adapter).

MAINTENANCE

Battery Replacement

When the keypad's batteries are low, the system's main control panel will typically indicate a low battery condition for the keypad. Replace batteries promptly to ensure continuous operation.

1. Open the battery compartment on the back of the keypad.
2. Remove the old batteries.
3. Insert new batteries of the correct type and quantity, observing proper polarity.
4. Close the battery compartment.
5. Dispose of old batteries according to local regulations.

Cleaning

To clean the keypad, gently wipe the surface with a soft, dry, lint-free cloth. Do not use abrasive cleaners, solvents, or spray directly onto the keypad.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Keypad display is blank or unresponsive.	- Low or dead batteries. - No AC power (if using adapter). - Keypad in power-saving sleep mode (battery-only). - Communication issue with main panel.	- Replace batteries. - Check AC adapter connection and power outlet. - Press any key to wake up the display. - Verify keypad enrollment with the main panel.
Keypad does not arm/disarm the system.	- Incorrect user code entered. - Keypad not properly enrolled with the main panel. - Out of wireless range. - System not ready to arm (READY light off).	- Re-enter user code carefully. - Verify enrollment and programming with main panel. - Relocate keypad closer to the main panel or consider a wireless repeater. - Close all open zones (doors, windows) until READY light illuminates.

| Problem	Possible Cause	Solution
Intermittent communication or delayed response.	• Wireless interference. • Keypad too far from the main panel. • Low battery.	• Check for other wireless devices or large metal objects nearby. • Relocate keypad or install a wireless repeater. • Replace batteries.

SPECIFICATIONS

Feature	Detail
Model Number	5828
Brand	Ademco (Honeywell)
Connectivity Technology	Wireless
Compatible Devices	Honeywell Alarm Equipment
Power Source	Battery Powered (Batteries not included); Optional AC Adapter (sold separately)
Item Weight	15 ounces (approx. 425 grams)
Package Dimensions	6.5 x 5.1 x 1.6 inches (approx. 16.5 x 13 x 4 cm)
Color	Black
Style	Modern
Item Package Quantity	1 unit
Is Discontinued By Manufacturer	No
Date First Available	March 4, 2009

WARRANTY AND SUPPORT
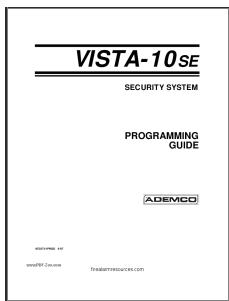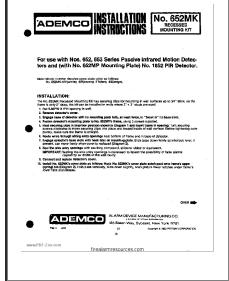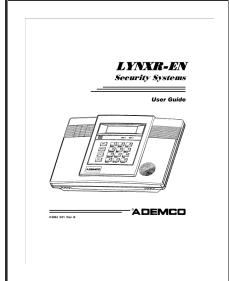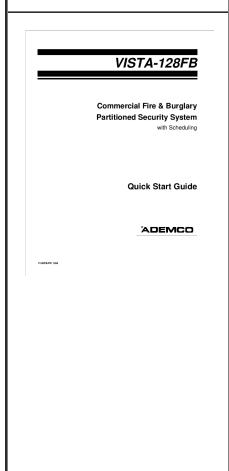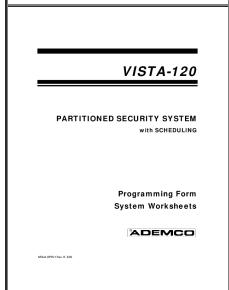
Warranty Information: For detailed warranty terms and conditions, please refer to the official Honeywell or Ademco website, or the warranty card included with your product. Warranty periods and coverage may vary.

Technical Support: If you encounter issues not covered in this manual or require further assistance, please contact Honeywell or Ademco customer support. Contact information can typically be found on their official websites or on the product packaging.

You may also find additional resources, FAQs, and software updates on the manufacturer's support pages.

Related Documents - 5828

VISTA-10SE

SECURITY SYSTEM

PROGRAMMING GUIDE

ADEMCO

[VISTA-10SE Security System Programming Guide - Ademco](#)

Comprehensive programming guide for the Ademco VISTA-10SE security system, detailing installation, configuration, and operation of features, including data fields, zone types, and remote downloading.

**VISTA-20P/PS Series
VISTA-15P Series
Security Systems**

Installation and Set-Up Guide

ADEMCO

[ADEMCO VISTA-20P/PS and VISTA-15P Series Security Systems Installation and Set-Up Guide](#)

Comprehensive installation and set-up guide for ADEMCO VISTA-20P/PS and VISTA-15P series security systems, covering features, wiring, programming, and operational guidelines.

ADEMCO INSTALLATION INSTRUCTIONS No. 652MK

[ADEMCO 652MK Recessed Mounting Kit Installation Instructions](#)

Detailed installation guide for the ADEMCO 652MK Recessed Mounting Kit, designed for use with ADEMCO Passive Infrared Motion Detectors like models 652, 653, and 1852.

LYNXR-EN
Security Systems

User Guide

ADEMCO

[ADEMCO LYNXR-EN Security System User Guide - Features and Operation](#)

Comprehensive user guide for the ADEMCO LYNXR-EN security system, detailing features, operation, installation, and maintenance for burglary, fire, and emergency protection.

VISTA-128FB

Commercial Fire & Burglary
Partitioned Security System
with Scheduling

Quick Start Guide

ADEMCO

[ADEMCO VISTA-128FB Security System Quick Start Guide: Programming Fire, Burglary & Scheduling](#)

Get started with the ADEMCO VISTA-128FB Commercial Fire & Burglary Partitioned Security System. This quick start guide covers essential programming procedures, field categories, and setup for advanced security and scheduling features.

VISTA-120

PARTITIONED SECURITY SYSTEM
with SCHEDULING

Programming Form
System Worksheets

ADEMCO

[VISTA-120 Partitioned Security System Programming Guide](#)

This document provides a comprehensive guide to programming the ADEMCO VISTA-120 Partitioned Security System with Scheduling, including detailed programming forms, procedures, and system layout worksheets.