

# V Series

VCS-8 | VWP-EU | VWP-US | VZX-8 | VZX-8-US



Table of contents

1	Introduction	4
1.1	Release history	4
1.2	Scope	4
2	VZX-8 Web App / Device Firmware	5
2.1	Version 2.0 (June 2026)	5
2.2	Version 1.0.1503 (April 2026)	7
2.3	Version 1.0 (December 2025)	8
3	Known issues with workarounds	10
3.1	Version 2.0 (June 2026)	10
3.2	Version 1.0 (December 2025)	10

# 1 Introduction

## 1.1 Release history

Release date	Released versions	Reason
2025-12	1.0	Official release
2026-04	1.0.1503	Bugfix release, for power interruption issue
2026-06	2.0	New Features, Updates, Bugfixes

## 1.2 Scope

The release notes give an overview of new functionality compared to the previous release. It reports known limitations and possible workarounds.

Subject to changes without prior notice.

## 2 VZX-8 Web App / Device Firmware

### 2.1 Version 2.0 (June 2026)

#### New Features

##### Scheduler

A flexible scheduling system with a familiar calendar interface for automating messages, bells, scenes, and actions.

##### Event Types:

- **Event**  
Run an action continuously between defined start and end times. *Example:* Mute all zones starting Friday at 5:00 PM and automatically restore Monday at 8:59 Am. Can also be used for shorter “gated” events (e.g., limit a playlist or zone level change to 1 hour).
- **Recurring**  
Determine recurring event series with support for exceptions, e.g. Every weekday but make an exception on certain holidays.
- **One-shot**  
Trigger an action once at a scheduled time with no automatic end condition.
- **Full Day**  
Shortcut to gate action between 12:00 AM and 11:59 PM, span across multiple days is possible (e.g. mute all zones from Sunday-Monday).
- **Bell**  
Simplified scheduling interface for bells/chimes.
  - Up to 25 bell events per calendar.
  - Requires a pre-configured message and action.

##### New Actions

Expands action list from 3 to 13 action types.

Expanded action system — now triggerable via Scheduler, GPIO, Call Station buttons, Open Interface API, and VWP.

##### New Action Types:

- **Toggle Message**  
Starts a message; pressing again stops it before completion.
- **Toggle Media Player**  
Starts playback from the beginning if already playing.
- **Pause Media Player**  
Pauses active playback.
- **Stop All Messages**  
Stops all messages across all zones.
- **Stop All Media Players**  
Stops all media playback across all zones.
- **Mute Input**
- **Mute Zone Source**
- **Mute Output**
- **Recall Scenes**  
Triggers preconfigured scenes (zone levels, BGM source, mute states).
- **Change Zone Level**  
Increment or decrement volume by defined steps (e.g., +3 dB, -6 dB).

- **Toggle Schedule**

Temporarily enable or disable a schedule, temporarily disable a bell.

### Scenes

Scenes allow grouped control of zone configurations:

- Zone level
- Selected BGM source
- Zone mute state

Each zone can have unique settings

Example: At 11:00 AM, Zone 2 switches to +3 dB and AUX 2 input.

### Scene Live Mode

Applies changes in real time during configuration. Use caution in live environments.

### Virtual Controllers

A lightweight, web-based control interface accessible from any device (phone, tablet, PC).

### Key Features

1. Built-in Scheduler access (view, configure, enable/disable calendars).
2. Unique QR code + URL per controller.
3. Configurable 4-digit PIN.
4. Up to 16 controller links.
5. Mobile-first design (optimized for portrait mode).
6. Login activity recorded in event log.

### Updates

#### Messages

- New “Play Until Stopped” option for infinite playback.
- Improved integration with Toggle Message and stop all messages actions.

#### Media Player

- New transport controls: Play/Pause, Stop, Next, Previous (playlists only).
- Improved action support (Toggle, Pause, Stop All).

### DSP

- Output polarity invert (**INV**) added.
- **Flatten EQ** button resets all filters to 0 dB instantly.

### Settings

- **Factory Reset Improvements**
  - LED feedback during INT (>15 seconds).
  - LED indication during firmware updates.
  - New software-based factory reset option.
- **Clock Improvements**
  - Default: automatic via DHCP.
  - Manual configuration warnings (RTC battery limitations after ~3 weeks powered off).

### Accessories Updates

#### VWP Wall Panel Controller

- Full support for triggering actions.
- Action ordering when multiple are assigned.
- Optional PIN protection per action (via user profiles).

#### VCS-8 Call Station

##### PTT (Push-To-Talk) Improvements

- Full override of BGM and mix signals when active.
- Immediate activation independent of mic level.
- Updated default ducker settings:
  - Enabled.
  - 100 dB attenuation, faster attack time.
  - Override mode.

##### Talk Button Action Trigger

- Actions can be triggered while paging.
- Active only while PTT is held.

### Bug Fixes

- Fixed delayed mute updated on VWP during rapid UI changes.
- Fixed incorrect time when using browser-time sync.
- Improved file name handling (spaces no longer replaced).
- Resolved audio bleed during message priority overrides.
- Fixed UI dropdown reset after configuration cloning.
- Corrected VU meter behavior on stereo mute.
- Improved message/chime start time (~500 ms faster).

### 3<sup>rd</sup> Party Control - OpenInterface API

- New Actions supported within OpenInterface API

## 2.2

### Version 1.0.1503 (April 2026)

1. Resolves issues where Dynacord VZX-8 was not able to start up after a power interruption in isolated configuration conditions.

#### Recommended Update Procedure for Version V1.0 users:

- Export the current configuration to a .vpro file via the Web UI.
- Press and hold the rear **INIT** button for more than 15 seconds.
- Update to the new firmware version.
- Import the .vpro file via the Web UI.

## 2.3

### Version 1.0 (December 2025)

1. 1 x Zone Audio Processor: VZX-8.
2. 2 x Accessories: VWP wall panel controller, and VCS-8 8-Zone Call station - use up to 16.
3. Full Zone Mixing:
  - Complete Input and Output DSP.
  - Full matrix DSP routing: send any input to any output.
4. Source and Zone control constraints; set min and max for levels and customize allowable adjustability for every input and zone.
5. GPIO Control with drop-down menu functionality: 8 x GPIO per VZX-8 freely assignable as inputs/outputs.
6. ANC processing block on outputs - ambient noise compensation automatically adjusts output level using connected microphones.
7. Zone Mixes: Inputs set to MIX mode allow multiple active sources with adjustable mix levels via the VZX Web App. Up to 8 zone mixes are available per VZX-8.
8. Virtual Mixer: Features a unique IP address, QR code access, and secure 4-digit PIN lock. This dedicated submix includes integrated FX processing and microphone Automixing (AMM) for dynamic, real-time mixing.
9. Speaker EQ Presets: Full SONICUE speaker database support with Electro-Voice and generic presets preloaded.
10. Custom Speaker Settings.
11. Output Amp gain for amplifiers for RMS/Peak limiting, with Dynacord presets.
12. User Profiles (For VWP wall panel controllers) - allows different levels of access for different users.
13. VCS-8 call station has system control capability for Message playback, GPIO functionality and more.
14. VCS-8 call station has mutual exclusion and busy indication/ functionality.
15. API: TCP/JSONRCP Control Protocol Document (OpenInterface).
16. Actions: configure and name actions to play messages, set GPO and mute zones. Trigger actions with GPIO, call-station buttons, or AP (Openinterface). Use actions to trigger messages (pre-recorded message or bells/chimes).
17. Message Player with adjustable level, zone select, repeats, trigger delay, and repeat delay and priority.
18. Message triggering through GPIO, Call-stations, API.
19. Audio file player including WAV, MP3, AAC and .M3U Playlist support.
20. Media player storage with search, import, export, and renaming.
21. Auto-configuration daily backup to MicroSD.
22. Stereo support for all sources incl. Media Player and Accessory.
23. Output Linking - for biamped Loudspeakers and stereo outputs.
24. Default HP/LP filters for EMG input (non-configurable).
25. VZX Web App - compatible with Mac/PC/Android/iOS - and any device with a web browser.
26. Q-sys & Crestron support.
27. Support for iPad web-app experience. Save VZX Web App for configuration or Virtual Mixer URL shortcut to desktop, enable web-app mode, and use without browser menu and a native-app-like experience.
28. QR-Code Setup: Scan the QR code on the VZX-8 sticker or included card to access the connection setup webpage, including the unit's unique address (e.g., VZX-XXXXXX.local).
29. Virtual Mixer QR code print out capability.
30. Configuration Project File Import / Export.
31. Multi-factor button Device Login without password option.



32. Event and Error Log.
33. Entire VZX Web App configuration available in English, German, Portuguese, adjustable in settings.
34. Unicode label text input, for support in 150+ languages. VWP labels, menu names, and Call station button labels can all be entered in any Unicode language.
35. NTP time sync.
36. Media playback repeats indefinitely and resumes after power cycles.  
Tip: Press Play once during setup to ensure the player is active when switching to that BGM source.

## 3 Known issues with workarounds

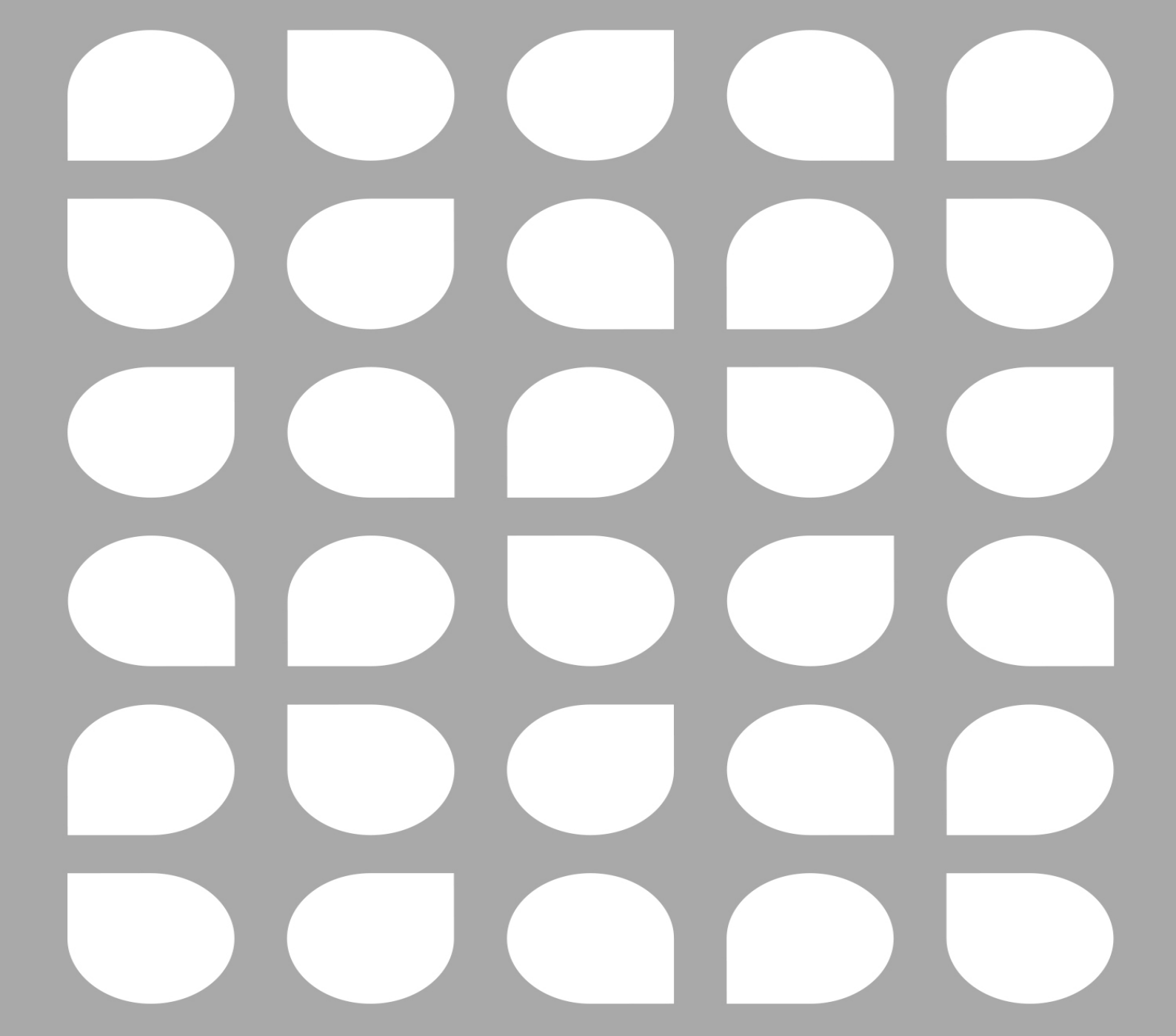
### 3.1 Version 2.0 (June 2026)

Known issue	Workaround
VWP don't power on after FW update or doesn't initiate firmware update.	Reboot VZX-8 or VWP or Re-Assign VWP in wall panel configuration page.
Downgrading from v2.0 to v1.0 doesn't load configuration data correction and Power LED blinks.	Press INIT button on rear panel > 15s.

### 3.2 Version 1.0 (December 2025)

Known issue	Workaround
Imported Media Player or message .wav files at sample rates other than 48 kHz may display audible artifacts and lower playback quality.	Export or save .wav files at 48 kHz (native VZX-8 resolution) using your PC/Mac.
Mute state changes on VWP may not update immediately after rapidly adjusting zone levels in the web UI.	Wait a few seconds after changing levels in the web UI.
Rescue IP / VZX-XXXXXX.Local address may behave differently on corporate network: vzx-xxxxxx.local address may require removing corporate internet, but rescue address 169.192.1.0 may not.	Ask corporate IT admin how to access device.
Set Browser time + Time Zone selection leads to incorrect time.	Follow this flow: Set time zone first and then sync to browser time.
VZX-8 adds _ when there's a space in .mp3 file name.	Populate SD card by using PC / Mac and SD Card Reader. The device will not modify the filenames when they are already on the card, only when uploaded via Web UI.
Virtual Mixer isn't available on smartphones (shows "under construction"), even in landscape mode.	Use a tablet or iPad in landscape orientation.
If Button 1 is set as an action button, Zone 1 cannot be selected using it. Buttons map directly to zones: Button 2 = Zone 2, Button 3 = Zone 3, etc.	VZX-8 assumes VCS-8 buttons correspond to zones by number. To page a specific zone, use its matching button.
Warning - firmware is preliminary warning seen on use and along the bottom of screen.	Update the firmware to v1.0.
VWP firmware update takes significant time.	Wait until VWP finishes bootloader/uploading, it may take 15 minutes or more.





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