APEX CloudPower Firmware / IntelliCloud WebUI Update

RELEASE NOTES V2.0.1 16th November 2026

Enhancements

- Added red border to mute button if a channel is muted from a group
- Added group mute indication to the display
- Improved copy paste interface
- Added the option to copy parameters between groups and channels
- Refreshed the visual design of the settings pages
- Extended user permission options to prevent unauthorized users from obtaining rights on neighboring amps
- Added confirmation feedback when changing settings
- Improved Speaker Preset recovery and protection against corrupted or outdated libraries.

Issues Resolved

- Fixed Global Preset loading issues affecting Limiter, PEQ and Delay parameters.
- Fixed RMS and Peak limiter values not being correctly restored when loading Speaker Presets.
- Fixed CP1504 DSP initiation
- Fixed incorrect software version display on the screen

PLEASE NOTE - Firmware V2.0.1 is a maintenance update to firmware version V2.0. The added features, enhancements, and issues resolved in V2.0 are recapped below:

RELEASE NOTES V2.0 4th October 2026

New Features:

Multiple User Profiles. In addition to the Admin profile with full access to all parameters, the integrator can now set up three further user profiles with separate passwords and

assignable access to any combination of the following IntelliCloud / CloudPower features: Mixer / Gain / Delay / PEQ / X-Over / Limiter / Speaker Preset / Settings.

Extended Groups. The maximum number of groups in a CloudPower network has been expanded to 36 (previously 6). Each channel can be included in up to 6 groups. Channels are grouped for both processing and level control.

Group Clusters. Amplifiers can be organized into discrete clusters. Groups will only affect the amplifiers within the relevant cluster/s. Multiple clusters can live within the same network.

Group Overview. Gives an at-a-glance overview of the groups within, the included amplifiers, channels, Group and Channel VU meters, and the applied Gain, Delay and PEQs. It also offers easy access to Group MUTE.

Store / Recall Multi-Channel Presets. It is now possible to create and recall presets involving multiple amplifier channels. This feature is a time-saver when using several amp channels to drive separate transducers in a loudspeaker, allowing the full speaker to be stored and recalled as a single preset.

Bluetooth Streaming to ACW Wall Controller. Enables Bluetooth audio from users' devices to be streamed via unicast to a single Cloudpower amplifier, or via multicast to multiple networked amplifiers.

Web Radio Streaming from ACW Wall Controller. Web radio stations can be assigned to the ACW media player via the web-based ACW configuration page. Users can select an assigned station from the ACW media menu and stream it to CloudPower amplifiers on the network.

⚠ **Important:** Both the CloudPower amplifier/s and any networked ACW05 remotes must be updated to the latest firmware to enable Bluetooth streaming.

System Firmware Update. Firmware updating is now managed by "APEX System Updater". This is a standalone application that needs to be downloaded on a PC Computer. It enables updating of any or all APEX devices on the network simultaneously. APEX System Updater also checks current firmware versions on the devices and indicates which need updating.

Selectable Input Sensitivity. Integrators can now select their desired input sensitivity for each amplifier. The options are 23 dB / 26 dB / 29 dB / 32 dB / 35 dB / 38dB / 41 dB. This feature makes it easier to integrate CloudPower in installations where other amplifier brands are also employed.

Enhancements:

- Amplifier Software Restructuring. APEX has conducted a comprehensive rationalization and restructuring of the code underlying CloudPower and IntelliCloud. In addition to speed and performance upgrades across the platform, V2.0 enables faster boot times and further enhanced stability. Future firmware updates will be greatly facilitated by this software overhaul.

- Standby Mode / Startup Times. CloudPower's Standby mode has been remodeled for low Standby power consumption. Startup time for units in Standby mode will be approximately 3 seconds. Amplifiers can be placed in Standby mode from the front panel or IntelliCloud and will remain accessible on a CloudPower network.

- Encoder Improvements. The code governing the front panel rotary encoder has been revised to allow more intelligent responses to speed of turning, length of press etc. Accessing and adjusting parameters via the screen and rotary is now faster and more intuitive.

- Speaker Preset Import/Export. Importing or Exporting Speaker presets enables recall of legacy single channel presets, multi-channel presets, folders, or libraries all from the same place.

- Global Device Audio Preset. Importing or Exporting global device audio presets enables recall of legacy presets, multi-channel presets, folders, or libraries, including or excluding group audio parameters, all from the same place.

- Extended 100V mode (CP354 / CP354D / CP704 / CP704D). A new interface in IntelliCloud's Output tab makes it more intuitive to configure the 350W and 700W per channel CloudPower models in 100V mode. The new Hi Z 100V mode bridges pairs of channels, sets a limiter at 100V rms and HPF at 100Hz. When enabled an indication is given of which pins the outputs is available on.

- Limiter Profiles. The built in Limiter Calculator has been updated with new default settings as well as the ability to select limiter profiles, setting specific Attack and Release times tailored for each Frequency band.

- Front Panel Mute Indication. The speaker symbol next to an amplifier channel in the default front panel view will be crossed **and** displayed in red when the channel is muted, allowing easier at-a-glance assessment of channel status.

- Improved Front Panel Screen Saver. The Front Panel Screen saver is now darker to extend the lifetime of the display. Turning or pushing the encoder wakes up the display without altering settings.

Issues Resolved:

- RLY (Relay) / EN54 restored. This functionality was disabled in firmware 1.3.5S. The Relay pins on the CloudPower rear panel are now supported. When the amplifier is turned on and is functioning normally, the relay engages and a connection between the two pins is established. If the amplifier is turned off, or if a fault is detected, the relay opens and disengages the two pins. Connecting multiple amplifier relays in series allows system warning / fault indication through open circuit. This will fulfil the amplifier fault-warning requirement when integrated in an EN54 VACIE fire alarm system.