

# Magewell Director Mini Firmware Release Notes

**Release: 2.3.576**

**Build date: 12/21/2023**

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## Release Notes

**Release: 2.3.576 (12/21/2023)**

- **Port**

1. USB-C port supports UVC/UAC output mode.
2. Improve capture performance of USB-A and HDMI ports.

- **Input information**

1. Add input information monitoring of all sources in Control Center, also available on Director Utility App and Web UI.

- **H.265 codec**

1. Supports decoding input sources of H.265 codec.
2. Supports encoding with H.265 codec for recording and streaming.

- **Recording and streaming**

1. Record 1/2 supports selecting NDI inputs as recording source.
2. Add 4 hours, 8 GB and 16 GB options for splitting recording file.
3. Supports setting network priority for stream servers.
4. Supports RTMPS for live streaming.
5. YouTube supports HLS ingestion protocol.

- **Audio**

1. Supports Bluetooth audio input.
2. Supports multiple USB audio inputs simultaneously.
3. Add global audio settings so users can select default mixing mode for new audio input.
4. NDI HX source supports PCM audio.

- **Show and scene**

1. Supports exporting/importing Shows via USB port, SD card and Web UI.
2. Supports customizing the buttons displayed above scene thumbnail list.
3. Control zoom and focus of phone camera on the device, Web UI and App.
4. The Video Clip "Action" offers Transition setting for itself.
5. BGM adds Switch Action setting, so that users can continue playing music from the place it left.

- **GFX**

1. Add baseball scoreboard.

- **Web UI**

1. Supports MDNS so that you could type in "directormini.local" or "name.local" to access web interface quickly.
2. Supports creating shortcuts for keyboard or X-Keys, so that user can press a key to calling a function, or a function sequence.
3. Add the Produce page to watch PGM video and audio, create and manage shows, control scenes, GFX and audio.
4. Add the Encode page to set encode scheme quickly.
5. Add the Network page to manage the Ethernet, Wi-Fi and Hotspot.

- **API**

1. Add stopwatch, timer, scoreboard, scene switch settings, stopping all live streaming, and jumping to the first or last BGM.

- **Others**

1. Supports distinguishing source name when one scene contains more than one Phone Camera.
2. Adjust button size of scene and GFX editing toolbar to help users discover more.
3. Change "Hang-time" of telestration to "Auto Clear", and change "Auto Stream" of streaming settings to "Quick Stream".
4. Optimize Chromakey (formerly named as Keyer).
5. Fix known issues.

## **Release: 2.2.650 (10/25/2023)**

1. USB-C port supports 50fps output to the external screen.

2. USB-C port supports using external touchscreen to control the device for the "Duplicate Screen" mode.
3. HDMI IN ports support 4K EDID to fix the issue of some cameras failing to output 4K signals.
4. USB-A ports support webcam input of 1080P60, NV12.
5. Supports using DJI and Insta360 series cameras as WEBCAM input.
6. Supports adding 3 NDI streams as sources.
7. "Encode" and NDI stream support selecting WEBCAM 1 and WEBCAM 2 as the encoding source.
8. The frame rate options of phone camera source matches the show's frame rate.
9. Scoreboard supports separately editing the name, score, and other properties of home team and guest team.
10. Optimize the delay of NDI decoding.
11. Fix the issue of only able to select one from two webcams of the same model.
12. Fix the issue of sources changing to AFV when selecting GFX.
13. Optimize the Auto Update page for Firmware.
14. Optimize the output of logs.
15. Text change of Encode page: Main stream changes to Encode 1, and Sub stream changes to Encode 2.
16. Fix the issue of failing to resume live broadcasting when it disconnects abnormally during streaming to YouTube.
17. Supports visiting Magewell Ticket system via the Feedback of Main menu, and provides log zip files which contain the crash logs.
18. Improve PTZ control experience.
19. Fix the issue of FD leakage caused by NDI discovery.
20. Enhance the integrity verification of configuration files and enhance the compatibility processing of configuration files for upgrading and degrading firmware.
21. Fix bugs caused by device plugging and unplugging when multiple webcams are bond.
22. Fix the issue of hearing scene audio when editing GFX.
23. Optimize the timestamp processing for NDI stream source, fixing high jitter of specific scenes.