

# Embedded Software Release

for WING Digital Mixing Consoles



# X-AIR Firmware V1.20

Release 2023-06-28





## Overview

The X-AIR series firmware 1.20 update offers several functional improvements and bugfixes as listed below. It specifically supports more recent hardware versions of Behringer X-AIR series mixers with alternative chipsets.

Please use minimum X-AIR EDIT version 1.8 for control and applying firmware updates, especially if you purchased your mixer recently.





## New Features

- Added support for V2 mixers with alternative MCU, FPGA, USB, WIFI module: XR18V2, MR18V2, X18V2
- Added support for mixers with alternative WIFI module: XR12W, XR16W, MR12W

Note: Refer to Appendix for an overview of applicable firmware files for every product.





## Bugfixes

- V1 hardware
  - Wifi connection dropping under heavy network traffic fixed
- V2 hardware
  - DHCP issue with MBA M1 fixed
  - Wifi AP disabled when switching to LAN mode
  - Sporadic Ethernet startup issues when switching between modes fixed
  - Separate firmware file for X18V2



## Applying Firmware Updates to X-AIR Series Mixers

**Note:** We have recently introduced alternative chipsets to our mixer production in order to prevent component shortages and for keeping the supply up.

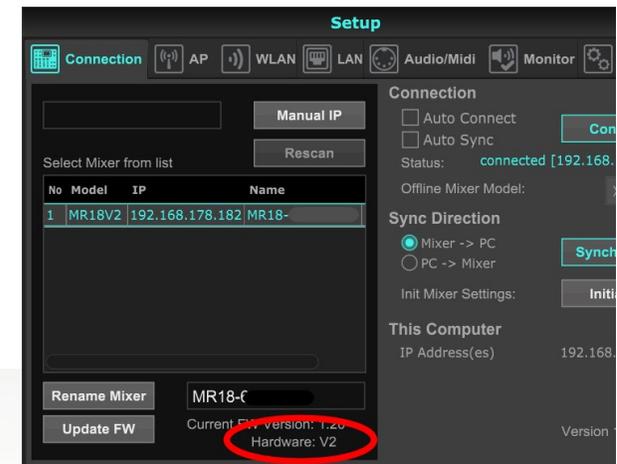
This requires new fw code that is no longer compatible with older hardware. In order to keep all X-AIR Mixers' performance and features absolutely consistent, no matter if it's original or new hardware, starting with Firmware V 1.20 we will provide 2 update files in every release package:

- XR18\_Hardware-V1\_Firmware\_1.20....update
- XR18\_Hardware-V2\_Firmware\_1.20....update

X-AIR EDIT 1.8 will be used as usual for any firmware update.

It indicates the HW version it is connected to, making it easy for you to choose the correct update file.

It will also indicate, if you are trying to apply the wrong update file.





## Appendix

| Applicable Firmware File<br>↓                             | X18 | X18 V2 | XR18 | XR18 V2 | XR12 | XR12 W | XR16 | XR16 W |
|---|-----|--------|------|---------|------|--------|------|--------|
| Behringer_X18_Hardware-V1_Firmware-release-1.20-20230623  | V1  | -      | -    | -       | -    | -      | -    | -      |
| Behringer_X18_Hardware-V2_Firmware-release-1.20-20230623  | -   | V2     | -    | -       | -    | -      | -    | -      |
| Behringer_XR18_Hardware-V1_Firmware-release-1.20-20230623 | -   | -      | V1   |         |      |        |      | -      |
| Behringer_XR18_Hardware-V2_Firmware-release-1.20-20230623 | -   | -      | -    | V2      |      |        |      |        |
| Behringer_XR12_Firmware-release-1.20-20230623             | -   | -      | -    | -       | Yes  | Yes    | Yes  | Yes    |