

# Fusion Help

How do I set up a new Fusion radio? What's Group Mode and how do I use it? Where do I figure out what firmware version I have? Okay, I just have questions about Fusion!

Well, this is the spot. This page contains links to documents written by Hams who were trying to do what you want to do and figured it out. (And wrote it down.) Check back frequently as we will be making constant additions to this resource.

If you spot any errors or have suggestions, contact K9EQ.

## Help for Users

[The WiRES-X Bible by WB70EV](#) Updated 26-Jun-2016

[Firmware and Software Versions](#) Updated 15-Feb-2019

[FT1/2DR Power Management and Battery Performance](#) 4-Jun-2016

[Using the FT-991 with Ham Radio Deluxe](#) Updated 03-Oct-2016

[Fusion Tips and Tricks](#) 10-Apr-2016

[Changing time zones or DST](#) 13-Mar-2016

[Remote and Microphone Extension Cables for the FTM-400DR](#) 19-Apr-2015

## Technical Help

[Out-of-The-Box \(OTB\) DR-1 Interface](#) – linking to analog systems – without any lock-ups 25-Mar-2016

[DR-1X Technical Supplement](#) – Includes schematics and wiring diagrams

[FT1DR Technical Supplement](#)

[FT-991 Technical Supplement](#)

[FTM-100 Tx Power Adjustment](#) 24-Apr-2017

[DR-1 Repeater Setup Guide](#) 18-June-2015

Google group to discuss Fusion interfaces:

<https://groups.google.com/forum/embed/?place=forum/fusioninterfaces>

## **Fusion Information**

[Fusion Identification Cheat Sheet](#) – model numbers, serial numbers, Tx ID, and more Updated 2-Oct-2017

[Fusion Resources](#) New 9-Sep-2018

## **WiRES-X Node Information**

[How to setup Windows 7 for 24x7x365 remote access](#) Now includes using Win7 without Microsoft support 13-Jan-2020

[How to set up Windows 10 for 24x7x365 remote access](#) 18-Apr-2016

[Windows Tips and Troubleshooting](#) – added USB power management 26-Sep-2016

## **Presentations**

[Why Digital? Simple and Powerful](#) (pdf)

## **Downloads**

[FT1-DR 2.04 firmware](#) USA only (In case you're having troubles with the radio randomly stopping digital reception with firmware version 2.07) This has been an issue since April 2016 – amazing it has not been fixed as of 23-Oct-2016!!!! Note: It is not necessary to downgrade the DSP.

