Fusion Help

January 24, 2019
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

WiRES-X, The Bible 2nd Edition preliminary draft for comments Updated 1-Feb-2021

The WiRES-X Bible by WB7OEV Updated 26-Jun-2016

Firmware and Software Versions Updated 11-Aug-2025

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 15-Aug-2025

Fusion Resources 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 Updated 19-Jun-2023

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.