# Setup and Using FT8 on Icom IC-7300

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## Introduction

Note that this author does not use a IC-7300.

Some resources on YouTube are BY FAR the best materials to utilise when working with WSJT-X and FT8.

The resources provided here should give a pretty thorough introduction into setting your radio up for and then operating FT8.

## Resources

This next one is useful as it also goes through both radio Audio Settings and adjustments.

* <https://www.youtube.com/watch?v=mxJlrZRCf_I>

Having the audio drive level set too high can damage components – especially tuners only rated to around 100 – 125W.

Here are other guides:

* <https://www.youtube.com/watch?v=nsVoTohP87Q>
* <https://www.youtube.com/watch?v=jQ1hwy0-Bro>

## General Rule when Transmitting

* Displaying ALC (Rig setting when transmitting
* Transmit with the LOWEST POSSIBLE SWR POSSIBLE. Use Tuners.
* Have a Power and SWR Meter in the line. Always monitor Output Power and SWR.
* Do not transmit with ALC levels “red lining”
* Transmit at an audio level just below the peak power output. This prevents damage to a LOT of components.
* Never transmit at the full 100W. Set the radio to say 90W maximum Tx power.

## Summarised Radio Settings

* See <https://3fs.net.au/ic-7300/icom-ic-7300-digital-setup-for-wsjt-x/>