

(c) Hilmar Weber, DC5KW 31.01.2016

20191116 note.

The programs are no longer maintained for health reasons, please do not ask.

Quick start guide for the program FTM400.exe Version from 12.11.2015

Description

Actually, I only came to the program development because of the fact that I did not existing camera microphones. First of all, I had to wait a very long time until a friend of OM finally sent a picture and I got the Image management in the FTM400.

The manual manipulation of the binaries was possible, but very easily passed errors and the constant replugging of the SD card is A horror to me.

Why YAESU does not use the "data cable" for memory management, images, etc. will probably remain YAESU's secret.

My tool FTM400.exe helps a little to send pictures via FTM400 to a large extent. The program will be easy on PC copied to an empty directory. In this directory you copy also his own pictures, which, however, meet the well-known YAESU conditions 40 kByte, 320 x 240 pixels or 160 x 120 pixels.

The directory "PHOTO" should be stored on the SD card and also in the PC working system. directory of FTM400, if there from a previous edit is still present, to be emptied.

If the images are in the same directory as FTM400.exe the program can be started. In the call sign field you can enter your own call.

A maximum of 30 images may now be marked with the mouse. To start processing, click the right mouse button. Result: The images are adjusted to the size (40kB) controlled and, if necessary. with information that must be confirmed, automatically renamed. The further processing of 30 images is at modern computers so fast that you only notice the end of the program ;-)
If more than 30 images are marked, the program simply aborts.

Because I didn't really like the information in the FTM400 display, I decided to designate the picture names with a sequential number. But I had to comply with the YAESU criteria. Since a time information can sort the images YAESU-internally, use simply a clock starting at 00:01, which clocks the time every minute. information of images, file names and binaries in parallel describes. So you have an mE based on the "time stamp" alone. Good Overview of saved images. The program additionally uses the current date in the time. the registered call sign is also entered as the last sender.

FTM400.exe creates 2 new folders in the working directory: QSOLOG and PHOTO. The QSOLOG folder contains 3 binaries with the extension *.dat and the Pictures are in the folder PHOTO. Unfortunately, all files have to be manually to the folders of the same name on the SD card.

Please do not copy, because "leftover" pictures from the FTM400 are not correct can be interpreted.

If the SD card is back in the FT400, you can use the "F" key in the submenu to with "LOG" and after selecting "PICT" from the image list a suitable Tap image for shipping. If the image is in the display, select "FORWARD" and then starts after the prompt "SEND TO ALL" with "OK"den Dispatch. During sending, you should not operate the FTM400, the current broadcast would be interrupted immediately.

Since my QTH has relatively sheer conditions for the repeater, I usually use very small images. A created with OpenOffice CQ-Mini-Image has only about 2 kByte and is in about 10 seconds at the receiver.

Images with 320x240 pixels and high resolution take about 2 1/2 minutes. They should only be sent under optimal conditions.

Alternatively, of course, sending texts in a very short time possible. 80 characters only take a few seconds. There was something else.... Ah, yes..... Phonie is also possible ;-))

vy 73 Hilmar, DC5KW

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