

TN8K FT8/FT4 operation guide

We plan to use FT8 as the primary data mode. We will use **multi-slot FT8/FT4 in normal mode**.

No F/H is expected, do not ask us for that please.

Our main FT8/FT4 software will be MSHV. You can use your favorite software without any problem.

Our principal operating frequencies (+-QRM):

Band	kHz
160m	1840*
80m	3578
60m	5357
40m	7056
30m	10144
20m	14084
17m	18096
15m	21091
12m	24923
10m	28091
6m	50313*

* Single slot mode and/or FT8 only

Here is the guide on how to work TN8K on FT8/FT4:

If you hear us on the normal FT8/FT4 frequencies, we will not be in the multi-slot mode and working only one station at a time.

If the number of the callers will be high, we will QSY to our DX-pedition frequencies.

Ensure that your computer clock is accurate. Use any NTP synchronization tool for example

<https://www.meinbergglobal.com/english/sw/ntp.htm>

We will always transmit in the first period. Call us only if you decode our CQ message.

We will send a CQ message from time to time so that you should not have to wait long to select the callsign. We will transmit at the center of the audio channel e.g., 1500Hz. You can call us wherever you want but spread out in the whole audio channel. We will listen approx. from 200Hz up to 3000Hz from the center of the audio channel.

Call us if you need to work with us. We will often be operating with multi-slot, and maybe conducting several QSOs simultaneously (from 1 to 5). Call us with the locator! MSHV will be configured that the distant station will have the priority in the queue (sorry, but the distant stations have it harder ...).

Once you decode the message '<Your Call> TN8K ... RR73' (also called the TX4 message) from us, you should log the QSO. This message is transmitted only once as defined in FT8 Fox/Hound protocol (even multi-slot approach is not F/H mode, it keeps the F/H protocol rules). So if you did not get it from us for 2 minutes from the last message addressed to your station, do not call us again and again with R+report message. You will not get the answer. Start the QSO again from the begin.

Do not make duplicate QSOs on the same band. If your callsign does not appear in the log at the Clublog, feel free to repeat the QSO.

If the internet connections will be fast and stable, the QSO will be posted in the real-time to the Clublog live stream.

<https://clublog.org/livestream/TN8K>

Sometimes we will use directional CQs like CQ JA, CQ NA etc. Please respect it and follow our instructions.

If demand for FT8 QSOs is low or band conditions are poor, we will operate in normal FT8 mode on the standard FT8 frequencies, or we will switch to FT4 on the expedition frequencies.

Check regularly our WEB page

www.cdxp.cz

or Facebook

<https://www.facebook.com/groups/1472348776313779>

for the last updates.

We wish you many QSO and the fun with TN8K expedition by www.cdxp.cz .

And finally, if you can, please support us!

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Thank you and CU de CDXP Team