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Wonderfooon.eu**





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We started with a group of volunteers and created 45 Wonderfoons for a care organization in our region, following a question on Facebook. At the beginning of 2020, due to the Covid restrictions, we were no longer allowed to meet with the volunteers.

March 2020, 2 of the volunteers started a company (vtvw.nl) to continue supplying Wonderfoons and Wonderfoon sets that hobbyists can use to make their own Wonderfoon.

Our Wonderfoon is a further development of the first version as described on www.wonderfoon.nl/WONDERFOON-v1.4.pdf. Our Wonderfoon uses a different computer and a small MP3 player module to keep the costs of converting the telephones as low as possible. All information can be found at www.wonderfoon.eu .

The instructions for building this Wonderfoon can be found on the website <https://www.wonderfoon.eu/bouwinstruction/>

This manual contains all the information required to convert a Dutch T65 telephone into a Wonderfoon.



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1. Starting the Wonderfoon.

When you connect the USB connection of the Wonderfoon to a 5 volt adapter or a power bank, it starts up automatically. After a few seconds you will hear:

“Wonderfoon has started”

“Volume 50 percent”

“Folder 1 selected”

“Random Play mode (On/Off)”

Then the dial tone sounds.

Now when you dial a number, a song will be played.

You can dial a different number at any time to play a different song.

When you are done, replace the handset.



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2. Using the Wonderfoons.

**Go off-hook. You will now hear a dial tone.
Dial a number.**

**Now a song will start playing. When the song is over,
playback will stop and you will hear nothing. (Unless
continuous playback is selected, see chapter 3.4)**

**If you want to hear a different song, you can dial a new number.
Another song can also be selected during playback by turning
a number.**

When you're done, go on-hook.



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3. Adjust settings.

By means of within 10 seconds By dialing a 3-digit code, various settings can be adjusted. Below is a list of the different options.

3.1. Adjust volume settings

- 1 - Pick up the handset.
- 2 - Choose [2] [1] [1 - 0].
(1 = 10%. 2 = 20%, .. 9 = 90%, 0 = 100%) *
- 3 - Wait for the confirmation of the volume

Example: [2] [1] [5] = Volume 50%

3.2. Selecting the folder for playing music files

- 1 - Pick up the handset.
- 2 - Select [3] [1] [1 - 3]
(1 = folder 01, 2 = folder 02, 3 = folder 03)*
- 3 - Wait for the confirmation of the set folder

Example: [3] [1] [2] = Folder 2 selected

The folder selection setting is retained until it is changed again.



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3.3. Random (shuffle) Playback mode.

- 1 - Pick up the handset.
- 2 - Select [4] [1] [1 - 2]
(1 = random play mode off, 2 = random play mode on) *
- 3 - Wait for confirmation.

Example: [4] [1] [2] = Random play mode on.

This setting will be retained until it is adjusted again.

3.4. Continuous play mode

(After a song is over, the next song is automatically started, the songs are played in random order.)

- 1 - Pick up the handset.
- 2 - Dial [5] [1] [1] *
- 3 - Wait for confirmation to continue random play.

Continuous random playback stops when the handset is hung up or another number is dialled.



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3.5. Turn startup notifications on/off

- 1 - Pick up the handset.
- 2 - Select [8] [1] [1 - 2]
(1 = startup messages on, 2 = startup messages off)*
- 3 - Wait for the confirmation.

When the startup notifications are on, the Wonderfoons will report with:

“Wonderfoons is started, volume xx percent, folder x is selected, Random play mode (on/off)”. Then the dial tone sounds.

When the startup notifications are turned off, the Wonderfoons will report with:

“Wonderfoons has started”. Then the dial tone sounds.

3.6. Reset to factory settings

- 1 - Pick up the handset.
- 2 - Dial [9] [9] [9]*
- 3 - Wait for the factory reset confirmation.

The Wonderfoons will confirm this with the following text:

“Wonderfoons in reset to factory settings, volume 50%, folder 1 selected, random play off, startup notifications on.”



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3.7. 112 European alarm number

When you dial [1] [1] [2] a warning sounds that you cannot call the European alarm number with this phone.

- * *The 3 numbers that must be dialed to adjust settings, all 3 must be dialed within 10 seconds.*



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4. Music files on the Wonderfoon.

NOTE We advise not to modify the files in folder 04 unless you want to switch to the English version.

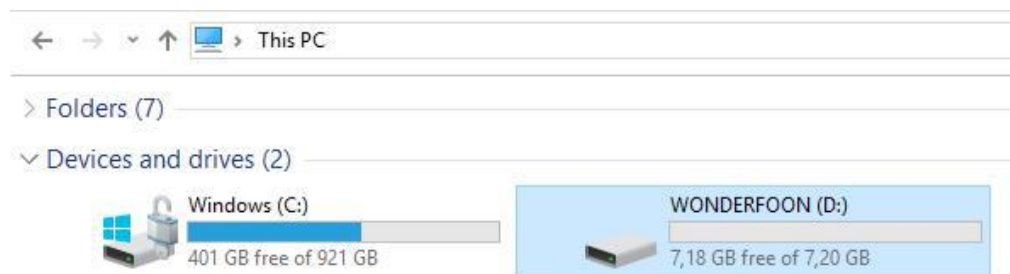
If you want to replace the Dutch files for the English files, you can download the English system files here:

<https://www.wonderfoon.eu/wp-content/uploads/2023/03/Wonderfoon-Folder-04-en.zip>

The music is stored on an SD card in the Wonderfoon.

You can simply connect the USB cable of this Wonderfoon to a USB port of a PC or laptop. After a few seconds, a new disk drive will appear. In the example below disk (D).

Make sure you the phone is on-hook when you try to connect your Wonderfoon to the computer for upload in mp3 files.



Folder 01 on the sd card contains 10 mp3 testfiles with the first minute of those songs and a spoken text through them. Due to copyright, we are not allowed to share the original mp3 files.

See also the information on our website:

<https://www.wonderfoon.eu/muziek-op-de-wonderfoon/>



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The Wonderfoons only looks at the first 3 numbers of the file name of the mp3-file, "001" which is behind it, "001_name of artist" does not matter to the Wonderfoons.

Name
 001_Demo_2Motten Folder1 nummer1.mp3
 002_Demo_24Rozen Folder1 nummer 2.mp3
 003_Demo_Als ik 2 maal met mn fietsbel bel Folder1 nummer 3.mp3
 004_Demo_De kat van ome Willem Folder1 nummer 4.mp3
 005.Demo_Bah wat vies Louise Folder1 nummer 5.mp3
 006_Demo_mn opa Folder1 nummer 6.mp3
 007_Demo_Nikkelen Nelis Folder1 nummer 7.mp3
 008_Demo_Oh wat ben je mooi Folder1 nummer 8.mp3
 009_Demo_ons dorp Folder1 nummer 9.mp3
 010_Demo_Spring maar achterop Folder1 nummer 10.mp3

The full versions of the demo songs can be found in the YouTube playlist on our site.

<http://www.wonderfoons.eu/muziek-op-de-wonderfoons/>

In folders 02 and 03 there are also 10 mp3 files, these only contain spoken text with the number of the folder and the number of the track.

All files in folder 01, 02 and 03 can be replaced by mp3 files with music or recordings of your choice.

It is advised to test the phone after unpacking it with the files that are included on the SD card. We have extensively tested the Wonderfoons before sending it, but you never know what can happen during transport.

When you plug it in, it takes about 3 to 10 seconds and then you hear: "Wonderfoons has started, volume 50%, folder 1 selected, random play mode off."

You will also hear this when the phone is on-hook.



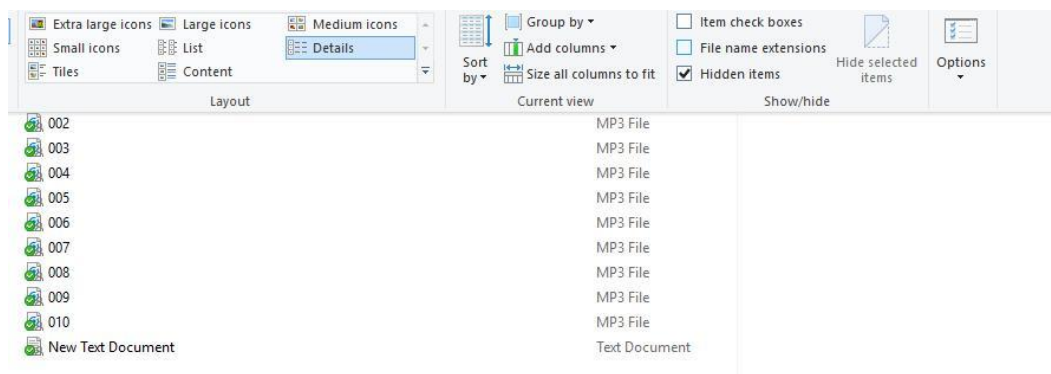
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Then, when you go off-hook, you will hear the dial tone and can dial a number. When you dial a number you will hear one of the demo files.

Folder 04 contains all system files, we recommend not to modify them. These are the audio files that make notifications such as “Wonderfoons has started” and “volume 50%”.

Name	Title
003_Willekeurig afspelen uit.mp3	Wonderfoons System file
004_Willekeurig afspelen aan.mp3	Wonderfoons System file
005_Continu afspelen gestart.mp3	Wonderfoons System file
006_Reset naar fabrieksinstellingen.mp3	Wonderfoons System file
010_Wonderfoons is gestart.mp3	Wonderfoons System file
011_Folder 1.mp3	Wonderfoons System file
012_Folder 2.mp3	Wonderfoons System file
013_Folder 3.mp3	Wonderfoons System file
014_Opstart meldingen uit.mp3	Wonderfoons System file
015_Opstart meldingen aan.mp3	Wonderfoons System file
021_Volume 10 procent.mp3	Wonderfoons System file
022_Volume 20 procent.mp3	Wonderfoons System file
023_Volume 30 procent.mp3	Wonderfoons System file
024_Volume 40 procent.mp3	Wonderfoons System file
025_Volume 50 procent.mp3	Wonderfoons System file
026_Volume 60 procent.mp3	Wonderfoons System file
027_Volume 70 procent.mp3	Wonderfoons System file
028_Volume 80 procent.mp3	Wonderfoons System file
029_Volume 90 procent.mp3	Wonderfoons System file
030_Volume 100 procent.mp3	Wonderfoons System file
099_DialTone.mp3	Wonderfoons System file
112_U draaide 112.mp3	Wonderfoons System file

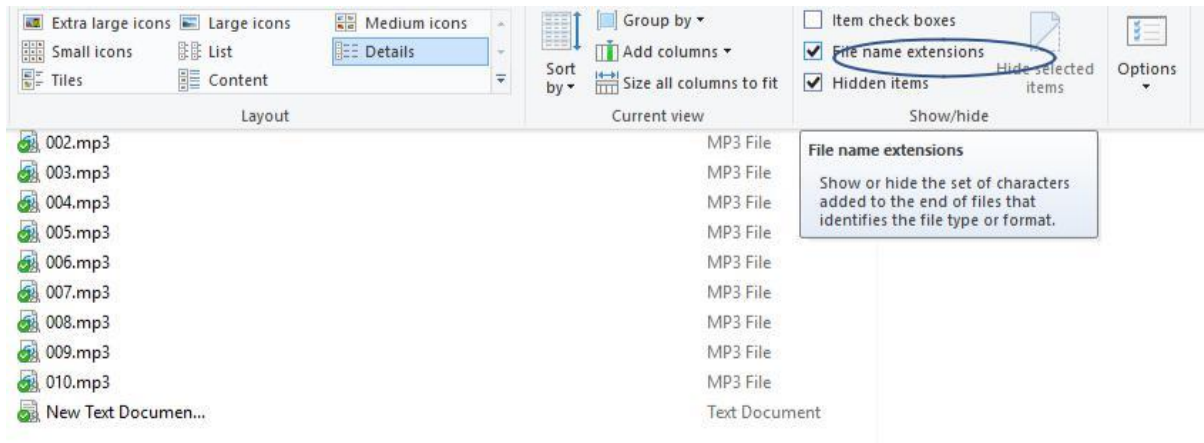
If you have songs on your PC/laptop that you want to copy to the Wonderfoons, make sure that the files are named “.mp3” and not accidentally “.mp3.mp3”. In Windows, if the filename extension is not displayed, it can happen that the files are named 001 and 002 and that the .mp3 extension is missing.





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By checking the box “File name extensions” you can make this more visible.



You can place 30 different mp3 files in folder 01, 02 and 03, but the name must start exactly with the same 3 numbers as the files that are there now. 001, 002 to 010

In chapter 3 of this manual you can read how you can switch between the different folders.

The “random play” option randomly plays songs from all 3 folders. If you want to use it, it is advised to replace the current files in all 3 folders, otherwise you will always hear the spoken texts from folders 2 and 3.

Finally, it is good to make sure that there is not too long a silence at the beginning of the mp3 files. When that is the case, it can happen that you dial a number and you think that something is going wrong because you don't hear anything for the first x seconds.



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A good program for cutting and pasting mp3 files is Audacity.

<https://sourceforge.net/projects/audacity/>

If you run into any problems, please let us know and we'll be happy to help.



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We wish you a lot of fun with the Wonderfoon.

Bieneke and Herbert

VTVW.nl

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WONDERFOON.eu / VTVW.nl
v.1.0

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WONDERFOON.eu / VTVW.nl

v.2.1 EN

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NB! The Wonderfoon comes with test music files, through the songs you will hear a spoken text. You can put your own music on the Wonderfoon. Chapter 4 describes how you can do this.

We welcome questions via info@wonderfoon.eu



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