

Device: **Receiver DT10**
 Subject: **How to connect a Receiver DT10 to Widex FM-DEX**
 Status: **Informational**

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This bulletin provides you with information about how to fit The Receiver DT10 to Widex’s latest streaming device: FM-DEX.

Important information about FM-DEX

FM-DEX is compatible with ONLY Widex Hearing Aid series: CLEAR and SUPER.

All hearing aid models (*Both: BTE and ITE devices*) from these hearing aid series are compatible with the FM-DEX.

The pairing between the FM-DEX and a hearing aid occurs automatically as soon as a FM-DEX is nearby a hearing Aid.

Preparing the steamer FM-DEX

- Remove the Cover. See figure 1.
- Slide the FM-Switch to the left to activate the Europlug input. See figure 2.

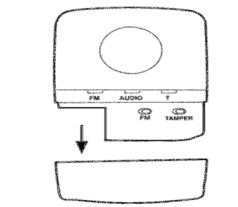


Figure 1



Figure 2

Plan the radio transmission channel of the Digisystem

- Use the HA scanner feature in the Programmer DT05 to measure the radio disturbances emitted by the FM-DEX. The typical shape of these disturbances is very similar to a sinusoidal curve. See the picture on the left in figure 3. Place the cursor of the HA scanner on the one of the lowest points of the emission curve. Read the frequency on that point. In the Digisystem Channel list find a radio transmission channel that is as closest as possible to this frequency. See the figure 3.

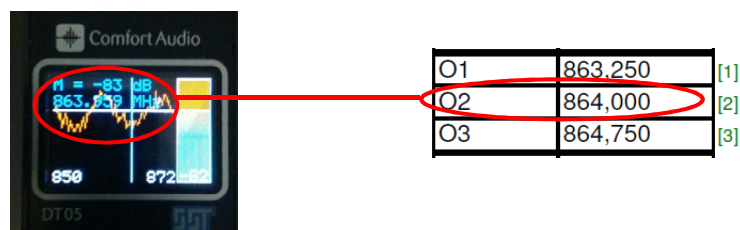
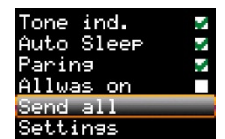
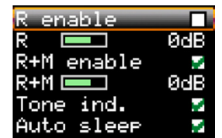


Figure 3

Preparing the Comfort Digisystem

- Attach the Receiver DT10 into the Programmer DT05.
- Select an appropriate radio transmission channel, found in the previous step, on the intended Comfort Digisystem Microphone and pair it with the Receiver DT10.
- Set a check mark for the **“R+M enable”**
- Set the output level for **R+M to +4 dB**
- Set a check mark for the **“Tone indicator”**
- Set a check mark for the **“Auto Sleep”**
- Set a check mark for **“Pairing”**
- Uncheck **“Always On”**
- Set the Receiver DT10 to the pairing mode
- Send all settings to the receiver DT10 by selecting **“Send all” → “Continue”**
- Ensure that the Comfort Digisystem is functioning properly by listening with headphones through the Programmer DT05. See the picture to the right.



Connecting the Receiver DT10 to the FM-DEX

- Attach the Receiver DT10 into the Europlug of the FM-DEX.
- Switch on the FM-DEX. The communication between the FM-DEX and the hearing aid will be established after a while and a tone will be heard in the hearing aid, to confirm this.
- Conduct a listening test to ensure good speech intelligibility. Adjust the output level of the Receiver DT10 until a satisfying result is obtained.



Note: Due to the relatively high emission level of the FM-DEX the radio drop outs will be occurred in some listening environments. Therefore it is important that each case of the fitting of the Receiver DT10 to FM-DEX is evaluated individually and subjectively by the hearing aid wearer.