

# EXTENSION CARD

## HEC / MEC AUX IN

AUDIO TEC  
FISCHER  
INNOVATIVE CAR AUDIO

### AUX INPUT MODULE FOR HELIX / MATCH DEVICES

#### Congratulations!

Dear Customer,

congratulations on your purchase of this high-quality HELIX / MATCH EXTENSION CARD. This module is produced by using the latest technology. We wish you many hours of enjoyment with your new Audiotec Fischer product.

Yours,  
AUDIOTEC FISCHER

#### General installation instructions for HELIX / MATCH components

To prevent damage to the unit / module and possible injury, read this manual carefully and follow all installation instructions. This product has been checked for proper function prior to shipping and is guaranteed against manufacturing defects.

**Before starting your installation, disconnect the battery's negative terminal and all cables from the device to prevent damage to the unit / module, fire and / or risk of injury.** For a proper performance and to ensure full warranty coverage, we strongly recommend to get this product installed by an authorized HELIX / MATCH dealer.

**Install the Extension Card only in the designated device and its specific slot. Using the module in other devices or slots can result in damage of the Extension Card, the device, the head unit / radio or other connected devices!**

#### Technical data

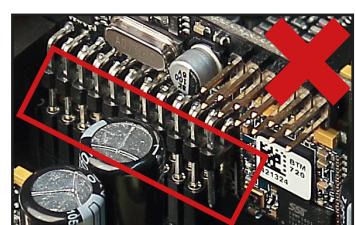
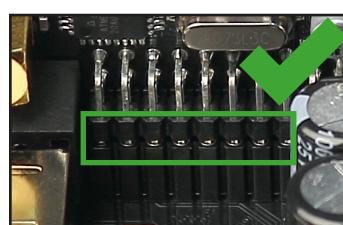
AUX input:	3.5 mm jack
Input Sensitivity:	200 mV
Input impedance:	1 kOhm
A/D converter:	96 kHz / 24 Bit or 48 kHz / 24 Bit depending on sampling rate of the device
Digital optical output:	SPDIF with either 96 kHz / 24 Bit or 48 kHz / 24 Bit depending on sampling rate of the device

#### Mounting information

1. First disconnect all cables from the device.
2. Depending on the device there are two possibilities to get access to the Extension Card slot.
  1. Bottom plate is bolted: untighten the screws of the bottom plate and remove it. Afterwards dismantle the appropriate side panel by removing its screws.
  2. Bottom plate is not bolted: dismantle the appropriate side panel by removing its screws and pull out the bottom plate sideways.
3. Remove the nut from the AUX socket of the Extension Card.
4. Insert the Extension Card into the specific slot of the device which is marked in the following picture (the picture representatively displays the Extension Card slot of the HELIX DSP.2). The exact position of the slot can be found in the manual of each device:



5. Make sure that the module is installed properly and all pins are fully inserted into the socket:



6. If the bottom plate was bolted, fix the new side panel which is delivered with the Extension Card. Afterwards reinsert the bottom plate and fix it, too. Otherwise reinsert the bottom plate and fix the new side panel with the screws.
7. Put the nut on the AUX socket and bolt it to the side panel.  
**Caution:** Do not overtighten the nut as this may damage the socket!



8. Reconnect all cables to the device.

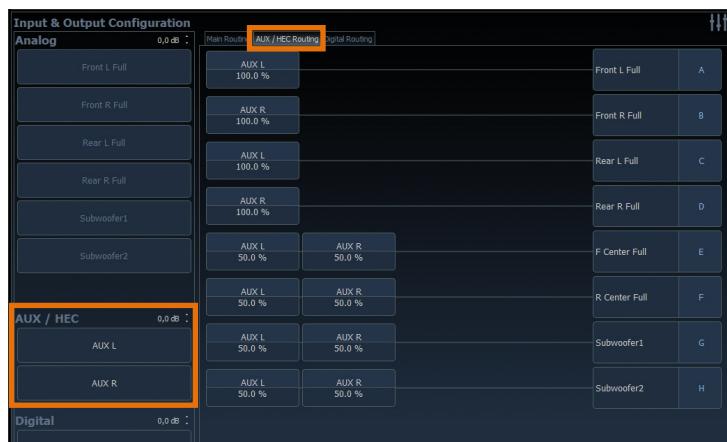
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### Signal routing of the Extension Card

As soon as the Extension Card is installed, it is automatically detected by the device and the Status LED on the module will light up green. Now you can allocate the Extension Card to the desired outputs in the "AUX / HEC (MEC) Routing" matrix.



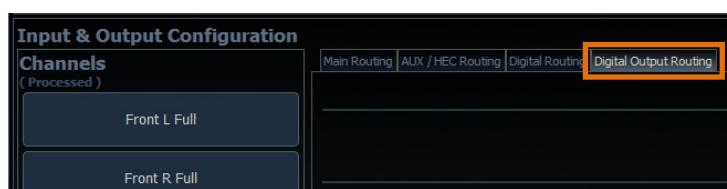
Several new features are visible in the DSP PC-Tool after installing an Extension Card.

### The optical SPDIF output of the HEC / MEC AUX IN module

The installation of the Extension Card adds as well an additional digital optical SPDIF output to your device. This output allows to transmit any unprocessed input or processed output signals to other devices.



A new matrix "Digital Output Routing" appears in the "Input and Output Configuration" page in which you can make your desired settings.



The digital output delivers an uncoded stereo PCM signal with either 96 kHz / 24 Bit or 48 kHz / 24 Bit, depending on the sampling rate of the designated device.

### Warranty disclaimer

The limited warranty comply with legal regulations. Failures or damages caused by overload or improper use are not covered by the warranty. Please return the defective product only with a valid proof of purchase and a detailed malfunction description. Technical specifications are subject to change! Errors are reserved!

For damages on the vehicle and the device, caused by handling errors of the module, we can't assume liability. These devices are certified for the use in vehicles within the European Community (EC).