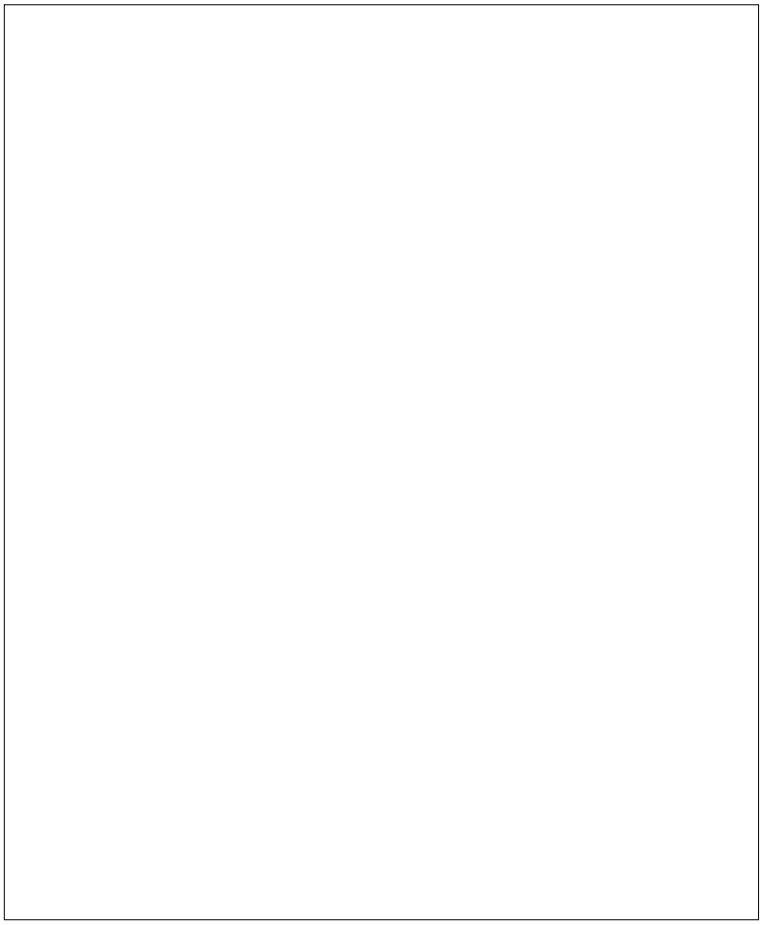
Knowledge Base

aktiv 08 connectors & functions (with standby)

original release: *2014-05-15* | ID: *KB00145EN*

This text describes the layout and main functions of the rear panel of our aktiv 08 active monitors. Please note that the information in this document refers to the model with standby functionality (Revision B) which started shipping to resellers in Europe by late 2012. A description of the connectors and functions of the other hardware version can be found here.

Rear Panel



1. XLR input - this connector accepts balanced XLR input connections (optimised for +4dBu). XLR input is wired like this:

INPUT SIGNAL	XLR CONNECTIONS
+	PIN 2
-	PIN 3
Shield	PIN 1

2. TS input - this jack accepts TS input connections, unbalanced (optimised for -10dBV). The TS input is wired like this:

INPUT SIGNAL	TRS CONNECTIONS
Signal	Tip
Shield	Sleeve

The TS input should not be used with balanced TRS signals. Although this is possible, the input level will not be correct in that case. For balanced connection, please use a XLR cable whenever possible.

3. vent port - aktiv 08 is a vented box speaker system with a vent port on the rear panel. Make sure you are not blocking the vent port (i.e. by putting the speaker too close to a wall) or the sound colour will be changed.

4. volume control knob - use the volume control knob to set the proper input level from the sound source. Make sure to setup all speakers accordingly. When set to the center position, the output level is set to the recommended calibrated level to reach the most optimised dynamic response (expecting a balanced XLR +4dBu or unbalanced TS -10dBV input signal).

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5. treble attenuation adjustment - to match your aktiv 08 to certain room acoustic requirements, a change in the treble attenuation can be made with this switch. The default and recommended setting is 0dB and normally you can always keep it there. Always make sure to setup all speakers identically.

6. bass roll off adjustment - this switch allows you to match aktiv 08 better to a subwoofer and in special situations where the room acoustics require it. The default and recommended setting is 50Hz and normally you can always keep it there. Always make sure to setup all speakers identically.

7. power switch - when you push the power switch, aktiv 08 will be turned on, and -surprise- it will be turned off when you push the power switch again.

8. power port with ext. fuse - use this connector to plug in the detachable 3-circuit line cord that connects to the power outlet. The connector contains a replaceable fuse (T2AL/250V).

9. AC Selection - you can select either 115V or 230V AC power according to your local requirements. Make sure this is selected properly before you switch on aktiv 08 for the first time or your equipment could be damaged.

10. power mode switch - you can select either *STANDBY* or *ON*. When set to *ON*, the unit will always be turned on. When set to *STANDBY*, the unit will switch to power saving mode after a while without any audio signal. The power saving mode is indicated by a red LED on the front panel (instead of the blue power LED). When there is an audio signal again, regular operation resumes.

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