

Technical Notes

BrainSphere P10/P130/P15 F7 Tower Front Panel Audio Jacks Behavior

ALTOS

Version 1.0
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Revision History

| Ver. | Date | Description |
|------|--------------|---------------|
| 1.0 | Mar 23, 2022 | First release |

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Preface

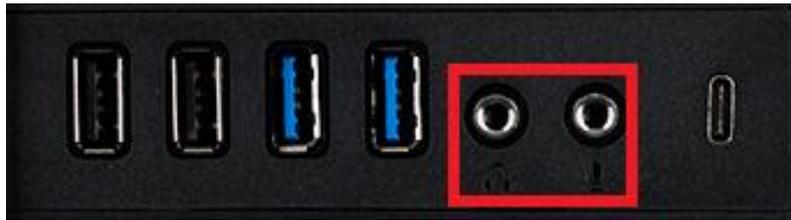
There are 3 different form factor of BrainSphere P10/P130/P15 F7 chassis. This notes is for the audio jacks of 28L (mATX) and 38L (ATX) form factor front panel I/O module only.



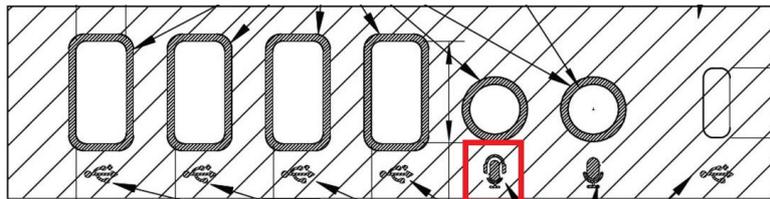
Front panel I/O module (marked in red) of 28L (mATX) and 38L (ATX) chassis

Front Panel Audio Jacks Behavior

There are 2 audio jacks in BrainSphere P10/P130/P15 F7 28L (mATX) and 38L (ATX) form factor front panel I/O module. One is combo jack (marked with headphone for old module, and headphone + microphone for new module) and the other is mic-in jack (marked with microphone).



Audio jacks of BrainSphere P10/P130/P15 F7 tower front panel I/O module (old)



New combo jack icon updated as headphone + microphone

The combo jack can be used for headset (headphone + microphone) with 3.5mm 4-pole TRRS jack or headphone with 3.5mm 3-pole TRS jack.

Scenarios:

1. Only combo jack is inserted with headphone or headset: The headset or headphone can work.
2. Only mic-in jack is inserted with microphone: The microphone can work.
3. Combo jack is inserted with headset and mic-in jack is inserted with microphone: Both headset and microphone can work.
4. Combo jack is inserted with headphone and mic-in jack is inserted with microphone: This combination is not supported. The microphone will not work.