



AudioExpander

OneRemote Type 300012641

User Manual

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Getting Started

The OneRemote AudioExpander is developed for Bang & Olufsen equipment and allows for connection of an additional 3 external audio sources to equipment with limited input capacity, primarily audio masters.

The audio sources could be MP3 players, iPods, iPads, iPhones, WiFi tuners, DAB tuners, PCs etc.

The AudioExpander has its own power supply, is remotely controlled and the inputs are selected by using a Bang & Olufsen remote control like BeoLink 1000, Beo4, Beo5 or Beo6.

Plug & Play

The AudioExpander is programmable, i.e. which key(s) to press on a remote to select a given input/source may be programmed via below options.

With the factory setting the inputs are selected using the following keystrokes:

| Source selection – factory default. | | |
|-------------------------------------|--------------|---|
| Input 1 is selected by pressing: | AMEM / ATAPE | 1 |
| Input 2 is selected by pressing: | AMEM / ATAPE | 2 |
| Input 3 is selected by pressing: | AMEM / ATAPE | 3 |

*1 **AMEM** is equal to **ATAPE** on older remotes.

*2 The blue LED by the input socket is lit.

See page 5 for how to change options, if required to fit your installation.

Installation

The OneRemote AudioExpander is easily installed. With an IR-receiver and the power adaptor connected to the respective sockets, it may be operated. Hereafter only connection of the appropriate audio cables is required.

See page 5 for how to change options, if required to fit your installation.

The AudioExpander has 4 LEDs to ease the set-up and control. A blue LED is placed next to each of the three input sockets, only lit by the one selected. The fourth LED is used for status and option programming.

| Status LED, Daily Operation | |
|-----------------------------|---|
| Red – green flash | Power has been applied to the AudioExpander, but no control data has yet been received from the IR-receiver/ Bang & Olufsen remote control. |
| Green | Idling. |

Option Programming

As mentioned above the AudioExpander may be programmed with different options, determining which keystrokes to use on the Bang & Olufsen remote for selection of each input. This is done only once, during installation.

In this guide we use the label **SOURCE** to indicate any source selection key on a Bang & Olufsen remote control. It is not an actual key available on a Bang & Olufsen remote control. **SOURCE** represents keys like **VAUX**, **AMEM**, **PC**, **DVD**, **DTV**, **SAT**, **RADIO**, **VTAPE**, **VMEM**, **CD** or any other source selection key.

There are basically two types of input selection options. The predefined option that sets the keystrokes needed to access all 3 inputs in one option, or individually programming of each input.

| Source Selection Options | |
|--------------------------|--|
| Predefined 1: | <p>Input 1 is selected by pressing: SOURCE 1</p> <p>Input 2 is selected by pressing: SOURCE 2</p> <p>Input 3 is selected by pressing: SOURCE 3</p> |
| Predefined 2: | <p>Input 1 is selected by pressing: SOURCE</p> <p>Input 2 is selected by pressing: SOURCE SOURCE</p> <p>Input 3 is selected by pressing: SOURCE SOURCE SOURCE</p> |
| Individually selectable | <p><i>Each input is configured independently. This is only one example of the many different combinations possible:</i></p> <p>Input 1 is selected by pressing: TV</p> <p>Input 2 is selected by pressing: DVD 1</p> <p>Input 3 is selected by pressing: DVD 2</p> |

Programming an option is easy. Press and hold the programming switch on the AudioExpander till the Status LED turns red.

Then press the 3 key option code on your Bang & Olufsen remote control within 30 seconds. The status LED is acknowledging the input by flashing green.

| Status LED During Option Programming | |
|--------------------------------------|---|
| Red | The programming switch has been activated for more than two seconds, and the AudioExpander is in the option programming mode. When in the programming mode the 3 key option code must be entered within 30 seconds. <i>See page 5.</i> |
| Flashing Green | An option has been correctly entered. |
| Flashing Red | An error occurred while entering an option. No changes have been made. |
| Flashing Red-Green | Timeout, more than 30 seconds passed without receiving data. |

Option Table – Predefined option 1.

| | |
|---|---|
| SOURCE SOURCE 1 | <i>Sets options for all three inputs.</i> |
| Input 1 is selected by pressing: | SOURCE 1 |
| Input 2 is selected by pressing: | SOURCE 2 |
| Input 3 is selected by pressing: | SOURCE 3 |

Option Table – Predefined option 2.

| | |
|---|---|
| SOURCE SOURCE 2 | <i>Sets options for all three inputs.</i> |
| Input 1 is selected by pressing: | SOURCE |
| Input 2 is selected by pressing: | SOURCE SOURCE |
| Input 3 is selected by pressing: | SOURCE SOURCE SOURCE |

Individual Option for Each Input.

If the AudioExpander is to be used in a special setup, the way each of the three inputs is selected can be individually set.

Option Table – individual options for input 1.

| | | | | |
|---|--------|---|----------------------------------|----------|
| 1 | SOURCE | 0 | Input 1 is selected by pressing: | SOURCE |
| 1 | SOURCE | 1 | Input 1 is selected by pressing: | SOURCE 1 |
| 1 | SOURCE | 2 | Input 1 is selected by pressing: | SOURCE 2 |
| 1 | SOURCE | 3 | Input 1 is selected by pressing: | SOURCE 3 |

Option Table – individual options for input 2.

| | | | | |
|---|--------|---|----------------------------------|----------|
| 2 | SOURCE | 0 | Input 2 is selected by pressing: | SOURCE |
| 2 | SOURCE | 1 | Input 2 is selected by pressing: | SOURCE 1 |
| 2 | SOURCE | 2 | Input 2 is selected by pressing: | SOURCE 2 |
| 2 | SOURCE | 3 | Input 2 is selected by pressing: | SOURCE 3 |

Option Table – individual options for input 3.

| | | | | |
|---|--------|---|----------------------------------|----------|
| 3 | SOURCE | 0 | Input 3 is selected by pressing: | SOURCE |
| 3 | SOURCE | 1 | Input 3 is selected by pressing: | SOURCE 1 |
| 3 | SOURCE | 2 | Input 3 is selected by pressing: | SOURCE 2 |
| 3 | SOURCE | 3 | Input 3 is selected by pressing: | SOURCE 3 |

Specifications

Included with this AudioExpander:

| | |
|-------------------|---|
| Power Adaptor: | 12VDC @ 400mA |
| Jack > DIN cable: | 1 meter |
| IR-receiver: | OneRemote type 31107834 w/ 1.2 meter cable and plug. |

Sockets IN/ OUT

| | |
|----------|---------------------|
| Input 1: | Jack 3.5 mm stereo. |
| Input 2: | Jack 3.5 mm stereo. |
| Input 3: | Jack 3.5 mm stereo. |
| Output: | Jack 3.5 mm 4-pole. |

Socket IR input

| | |
|-----|-------------|
| IR: | Jack 3-pole |
|-----|-------------|

