

## OneRemote RIAA DIN-I

RIAA Pre-amplifier

*For Bang & Olufsen Turntables,  
With or without Datalink Control.*

### User Manual



30012729u1uk



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## Introduction

The OneRemote RIAA DIN-I amplifier is designed for use with Bang & Olufsen turntables connected to amplifiers without a built in RIAA amplifier, but it may be used with any turntable connected the same way.

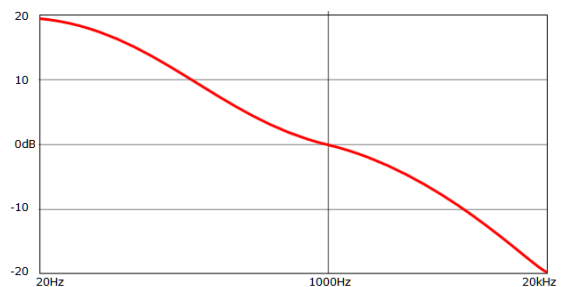
When connected to a DataLink controlled Bang & Olufsen turntable any DataLink signal from a Bang & Olufsen connected audiomaster is passed directly through allowing full remote control of the operation of the turntable as specified by Bang & Olufsen for this set up.

The OneRemote RIAA DIN-I amplifier corrects the frequency response as described below and amplifies the PU signal to line level.

The OneRemote RIAA DIN-I amplifier is supplied in a metal cabinet to maintain shielding of the signal, and it is delivered with its own DC power supply.

## RIAA

RIAA equalization is a specification for the recording and playback of phonograph records, established by the Recording Industry Association of America (RIAA). The purposes of the equalization are to permit greater recording times, to improve sound quality, and to reduce the groove damage that would otherwise arise during playback.



RIAA equalization is a form of pre-emphasis on recording and de-emphasis on playback. A recording is made with the low frequencies reduced and the high frequencies boosted, and on playback the opposite occurs. The net result is a flat frequency response, but with attenuation of high frequency noise such as hiss and clicks that arises from the recording medium.

Reducing the low frequencies also limits the excursions the cutter needs to make when cutting a groove. Groove width is thus reduced, allowing more grooves to fit into a given surface area, permitting longer recording times. This also reduces physical stresses on the stylus which might otherwise cause distortion or groove damage during playback.

**The OneRemote RIAA-I amplifier uses the exact same RIAA specifications as used by Bang & Olufsen.**

## Bang & Olufsen Datalink Controlled Turntables

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The Bang & Olufsen turntables without built in RIAA amplifier listed in the table below are equipped with DataLink enabling control via a 7-pin DIN connected Bang & Olufsen audiomaster.

The OneRemote RIAA DIN-I passes the control data from the B&O device to the record player.

### Turntables that can be controlled by a B&O remote control, when connected to certain audiomasters.

#### Without factory built-in RIAA amplifier.

BeoGram 2000, 2202, 2402, 3000, 3000, 4000, 4002, 4004, 5000, 5005, 5500, 6000, 6002, 6006, 8000, 8002, 8500, 9000 and 9500.

#### With factory built-in RIAA amplifier.

BeoGram 2400, 3500, 4500, 6500 and 7000.

The OneRemote RIAA amplifier can be used with any BeoGram model, without a factory built-in RIAA. Also any models not listed in the table.

## Plug & Play

Connect the OneRemote RIAA DIN-I to the selected turntable and amplifier using the correct cables as indicated below and power up with the supplied DC power supply. No programming required!



### INPUT

Connect the turntable to the input socket.

### DC 12V

Connect the supplied power supply to this socket.

The OneRemote power supply may be connected to any outlet supplying 85-240 volt AC.



### OUTPUT1

Connect a Bang & Olufsen amplifier/receiver with a DIN socket to Output1 using a DataLink cable or a OneRemote PH-DLINK cable. Cables are not included.

### OUTPUT2

Connect any amplifier/receiver with RCA phono input to Output2 using a 3.5 mm mini jack to RCA phono stereo cable.

Connect to devices with other inputs, using appropriate cables.

## Available Cables

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OneRemote supplies these cables for use between the OneRemote RIAA DIN-I amplifier and the amplifier/receiver.

	Part number
PH-DLINK 0.5 meter white	39202070
PH-DLINK 1 meter white	39202071
PH-DLINK 3 meter white	39202073



JACK- RCA 1.5 meter	39202081
JACK-RCA 3 meter	39202082

