

OneRemote RIAA DIN-II

RIAA Pre-amplifier

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

User Manual



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Introduction

The OneRemote RIAA DIN-II 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.

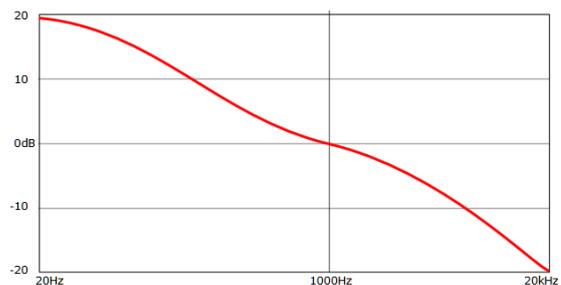
When connected to a DataLink controlled Bang & Olufsen turntable any DataLink signal from a Bang & Olufsen connected audiomaster is passed directly through allowing full remote control of the operation of the turntable as specified by Bang & Olufsen for this set up.

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

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

Bang & Olufsen Datalink Controlled Turntables

The Bang & Olufsen turntables without a 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-II 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 B&O Radios.

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 model not listed in the table.

Plug & Play

Connect the OneRemote RIAA DIN-II 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!



IN

Connect the turntable to the IN socket.

The OneRemote power supply:

- Connects to any outlet of 85-240V AC.
- Euro socket.
- DC 10V



OUT

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

Available Cables

OneRemote supplies these cables for use between the OneRemote RIAA DIN-II 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

