

# M2.1 BLC

## MoHa Receiver User Manual

可調倍率磁拾音器

2601 倍

1004.2351.040

Base

1004.2351.358

RVA Power Supply Unit

1001.2351.001

Power Cable (4 pin)

1006.2351.100

Main Board

筑穂電子工業株式会社  
Chikuho Electronic Corporation



V 1.02

The M2.IBLC is an OEM product based on the original M2.IB design by Mouditiemi and RVA PSU design by PangCiyuan. This redesigned model features an improved user interface and incorporates high-performance dual operational amplifiers to maximize signal fidelity and responsiveness.

As the first product developed by our company, the M2.IBLC represents a commitment to precision, usability, and professional-grade performance. This manual provides complete specifications, usage instructions, application examples, and important safety precautions.

# Specification

## M2.1BLC Base Part

1004.2351.040

### **General data**

|  |                    |
|--|--------------------|
| Working Temperature                    | : -25...75 Celsius |
| Ground Method                          | : From PSU         |
| Dimensions<br>(Width x Height x Depth) | : 140 x 70 x 65 mm |
| Weight (nom.)                          | : 423 g            |

### **Acquisition**

|                        |                        |
|------------------------|------------------------|
| First Op. Amp. Model   | : Nisshinbo MUSES 8820 |
| Second Op. Amp. Model  | : Nisshinbo MUSES 8920 |
| Acq. Amp. Adjustable   | : Yes                  |
| Acq. Amp. Adj. Range   | : 1...2601 x           |
| Acq. Amp. Range Select | : 3 Setting (L, M, H)  |

### **Input and Outputs**

|                    |                   |
|--------------------|-------------------|
| Mutual Inductor    | : 3 H             |
| Power Volt.        | : -16V...0V...16V |
| Power Curr. (typ.) | : 540mA           |
| Moni jack          | : Yes (1)         |
| Rec jack           | : Yes (1)         |
| Osc jack           | : N/a             |

### **Audio Processing**

|                |           |
|----------------|-----------|
| Fixed HPF      | : No      |
| Adjustable HPF | : Yes (2) |
| Fixed LPF      | : No      |
| Adjustable LPF | : Yes (2) |

# Specification

## RVA Power Supply Unit

1004.2351.358

### **General data**

|  |                    |
|--|--------------------|
| Working Temperature                    | : -25...75 Celsius |
| Ground Method                          | : Direct           |
| Dimensions<br>(Width x Height x Depth) | : 140 x 88 x 52 mm |
| Weight (nom.)                          | : 302 g            |

### **Performance**

|                  |           |
|------------------|-----------|
| DC DC Controller | : LTC3779 |
| Positive Voltage | : LTC7820 |
| Negtivie Voltage | : LT3094  |

### **Input and Outputs**

|                       |                   |
|-----------------------|-------------------|
| Input Connector Type  | : Amass XT60      |
| Output Connector Type | : GX16-4          |
| Power type            | : DC              |
| Input Voltage         | : 4.8V...85V      |
| Volt. Adjustable      | : No              |
| Input Curr.           | : 6500mA...350mA  |
| Output Voltage        | : -15V...0V...15V |
| Output Curr. (typ.)   | : 620mA           |
| Maximum Output Curr.  | : 1050 mA         |