Quick Guide- RS232 function
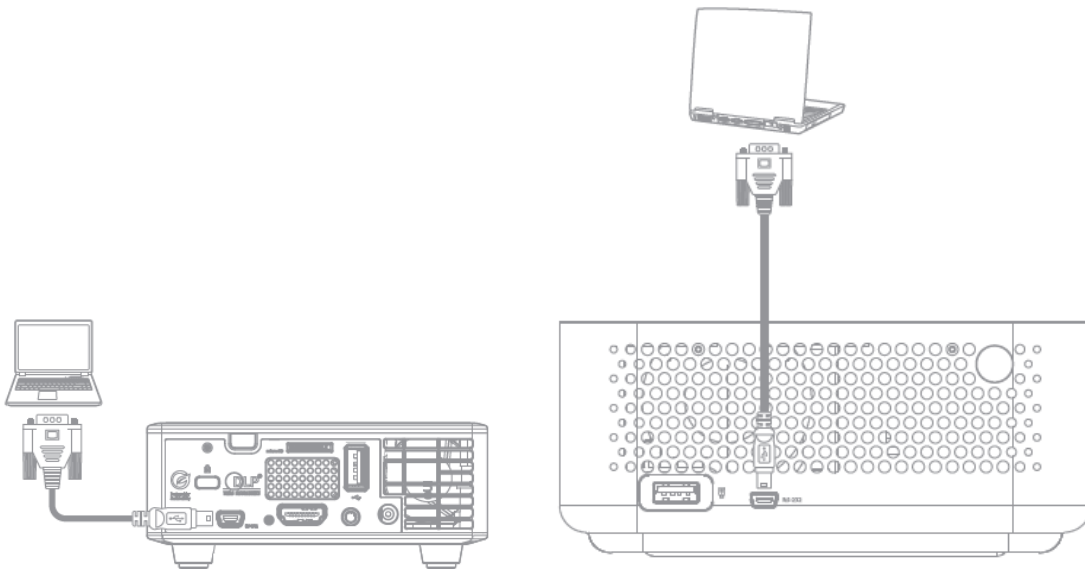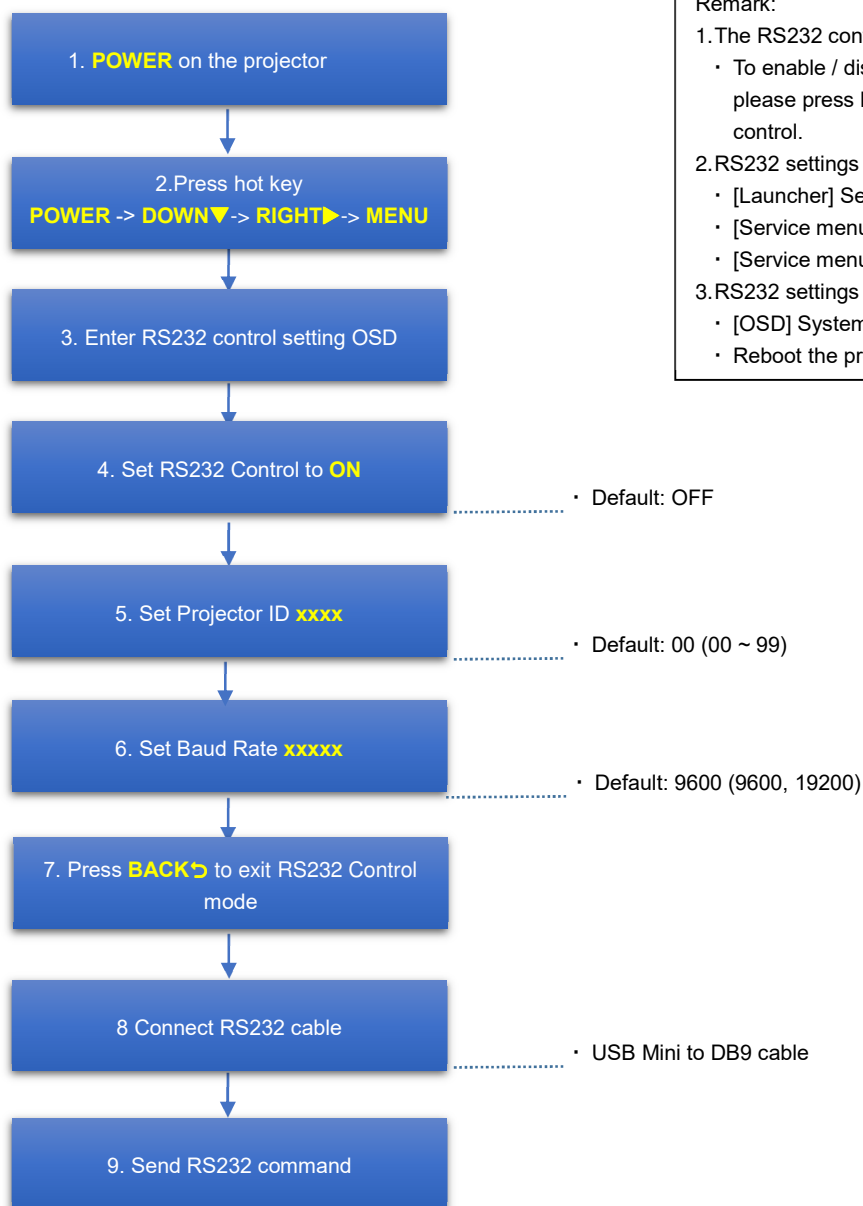
Applicable models:

1. L23 series: ML1080, ML1080ST, OMA-R, OMA-S

2. D51i series: ML1050STi, ML750i

Notification:

1. Mini USB Connector is for RS232 function only.

2. To enable RS232 control, activate the hot key (Sequence accessible via RS232 quick guide*)

     * To obtain the RS232 quick start guide, please contact your local Optoma Sales/Service team.

3. Use specified cable (Mini USB – to – D SUB 9) to connect to PC or laptop.

4. Do not use other cables or devices with this connector, any incompatible power output may cause damage to the device or connector.

5. For additional information regarding the RS232 connector, please contact your local reseller or service center.
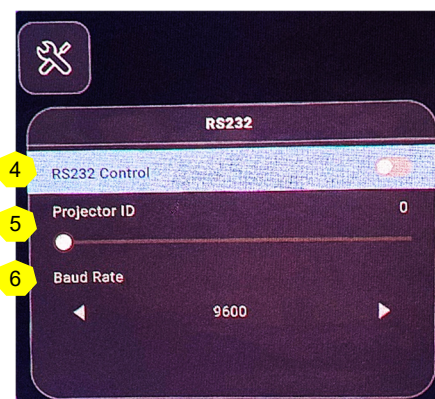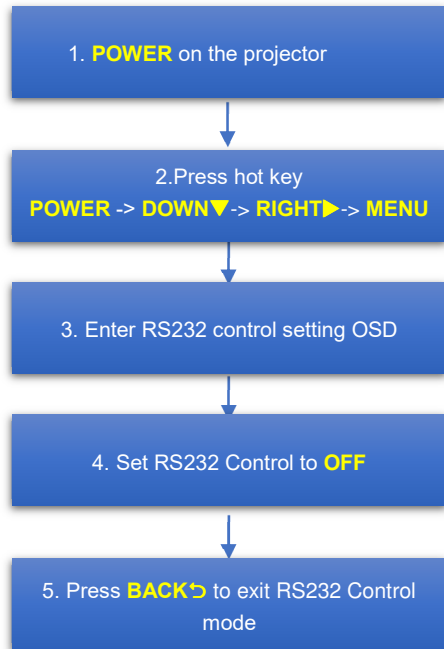
RS232 mode- Function enable

1. **POWER** on the projector

↓

2. Press hot key
POWER -> **DOWN▼** -> **RIGHT▶** -> **MENU**

↓

3. Enter RS232 control setting OSD

↓

4. Set RS232 Control to **ON**
・ Default: OFF

↓

5. Set Projector ID **xxxx**
・ Default: 00 (00 ~ 99)

↓

6. Set Baud Rate **xxxxx**
・ Default: 9600 (9600, 19200)

↓

7. Press **BACK↺** to exit RS232 Control mode

↓

8 Connect RS232 cable
・ USB Mini to DB9 cable

↓

9. Send RS232 command

Remark:
1. The RS232 control function is disabled by default.
 ・ To enable / disable, and access the RS232 control options, please press **Power, Down, Right, Menu** on the IR remote control.
2. RS232 settings will be **RESET** after below conditions:
 ・ [Launcher] Settings/Device Preferences/Reset to Default
 ・ [Service menu] Factory Reset
 ・ [Service menu] Factory Reset(Quick)
3. RS232 settings will **NOT** be reset after below conditions:
 ・ [OSD] System/Reset All Settings
 ・ Reboot the projector

RS232

④ RS232 Control

⑤ Projector ID   0

⑥ Baud Rate

◀   9600   ▶

RS232 mode- Function disable

```
┌─────────────────────────────────┐
│  1. POWER on the projector      │
└─────────────────────────────────┘
                │
                ▼
┌─────────────────────────────────┐
│         2.Press hot key         │
│ POWER -> DOWN▼-> RIGHT▶-> MENU  │
└─────────────────────────────────┘
                │
                ▼
┌─────────────────────────────────┐
│  3. Enter RS232 control setting OSD │
└─────────────────────────────────┘
                │
                ▼
┌─────────────────────────────────┐
│  4. Set RS232 Control to OFF    │
└─────────────────────────────────┘
                │
                ▼
┌─────────────────────────────────┐
│ 5. Press BACK↺ to exit RS232 Control │
│            mode                 │
└─────────────────────────────────┘
```

Remark:
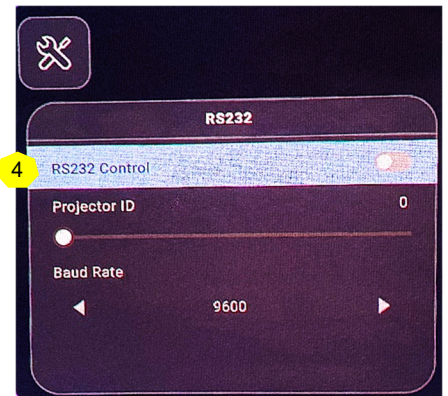4. The RS232 control function is disabled by default.
   ・ To enable / disable, and access the RS232 control options, please press **Power, Down, Right, Menu** on the IR remote control.
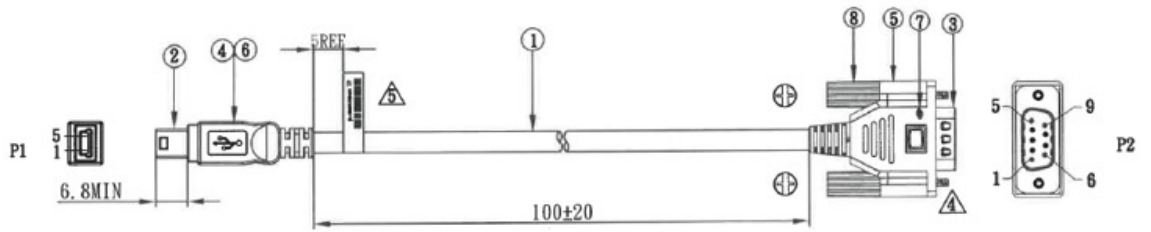5. RS232 settings will be **RESET** after below conditions:
   ・ [Launcher] Settings/Device Preferences/Reset to Default
   ・ [Service menu] Factory Reset
   ・ [Service menu] Factory Reset(Quick)
6. RS232 settings will **NOT** be reset after below conditions:
   ・ [OSD] System/Reset All Settings
   ・ Reboot the projector

RS232 cable – Pin assignment

Pin Define

	Mini USB	RS-232
PIN-2	RX	RX
PIN-3	TX	TX
PIN-5	GND	GND