

Wiring SPLIT-AMP-CAP-KIT

For more information, see the following documents:

- LT-6094: the application note for SPLIT-AMP-CAP-KIT
- The manual included with the monitor module



Note: In this document, **monitor module** refers to any of the following:

- **MIX-M500SAP(A)**
- **MIX-M500S(A)**
- **MRI-M500SAP(A)**
- **MRI-M500S(A)**

1.1 Remove the Jumper on MIX-M500SAP(A) or MRI-M500SAP(A)

If you are using the Advanced Protocol MIX-M500SAP(A) or MRI-M500SAP(A) for speaker applications with the Mircom QX series of amplifiers, follow these instructions to remove jumper J1. The jumper location is shown in Figure 1.

1. Insert a small flat screwdriver into the hole at the top of the unit.
2. Use the screwdriver to push the jumper out through the slot shown in Figure 1. You do not need to open the cover.
3. Discard the jumper.

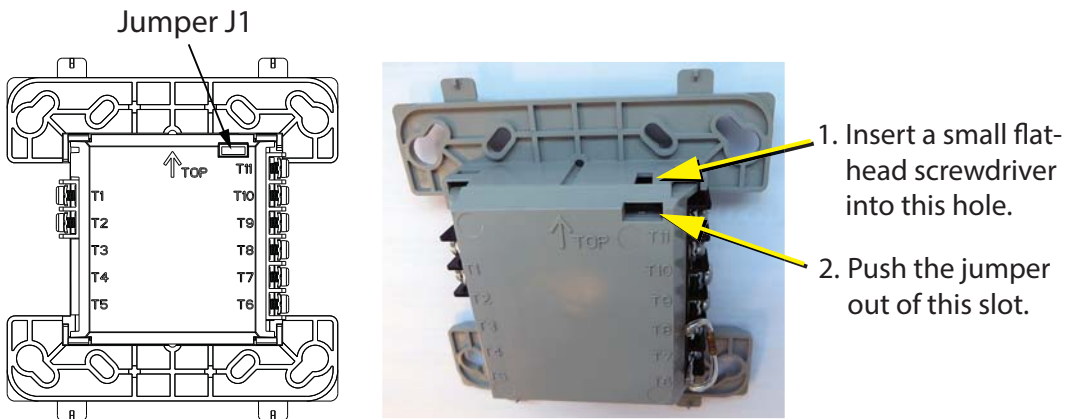


Figure 1 Remove and discard jumper on MIX-M500SAP(A) and MRI-M500SAP(A)

1.2 Wiring the Monitor Modules

Figure 2 shows the wiring for the monitor modules.

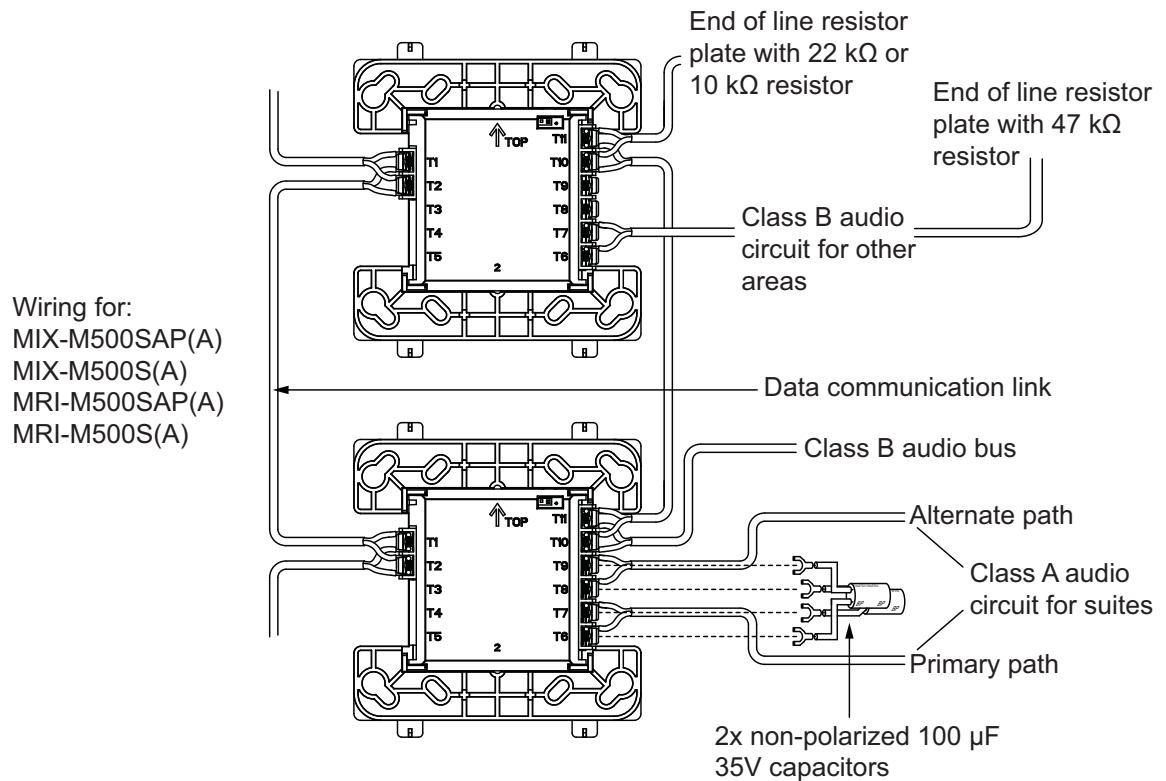
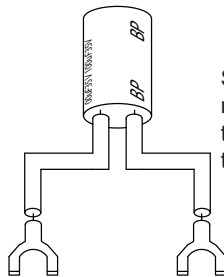


Figure 2 Wiring the modules

1.3 Wiring the Capacitors



SPLIT-AMP-CAP-KIT comes with 20 non-polarized 100 μ F 35V capacitors that have been modified to eliminate issues in the field.

Figure 3 SPLIT-AMP-CAP-KIT

The class A audio circuit for suites requires 2 SPLIT-AMP-CAP-KIT capacitors for every monitor module. The class B circuits do not require capacitors.

1. Wire one capacitor to terminals T6 and T9.
2. Wire the other capacitor to terminals T7 and T8.