QCC-6000 Communication Card Installation

The QCC-6000 Card is required for audio system expansion (beyond 1 amplifier cage). It allows for remote audio cabinet expansion up 2000 feet. It supports up to 9 expansion cabinets on each node. Mount the QCC-6000 on the far right side of the audio card cage, refer to Figure 4.

Use the rotary switch SW1 to set the card's address. The card in the main cabinet should be 0. Set each card consecutively so that there are no gaps.

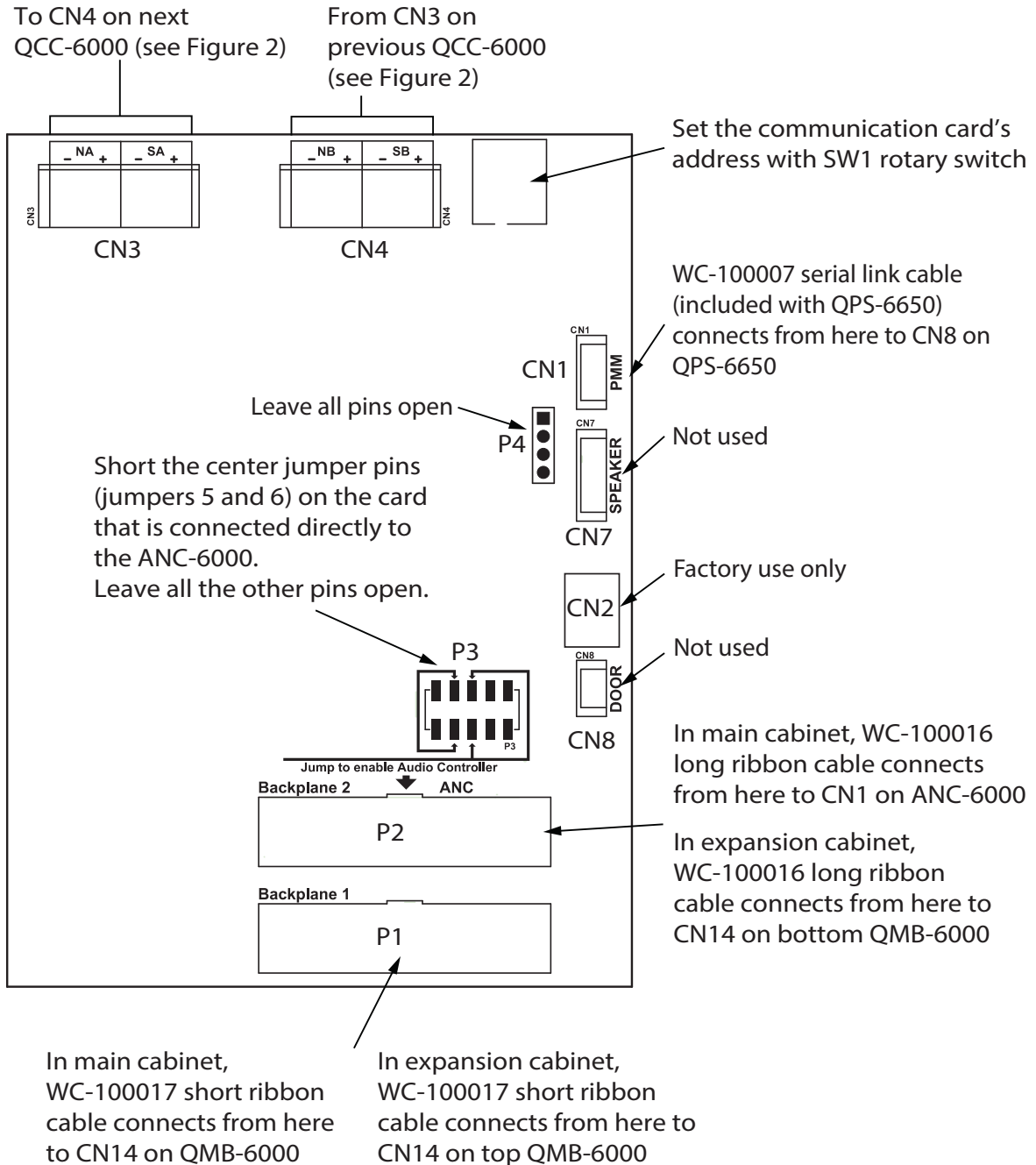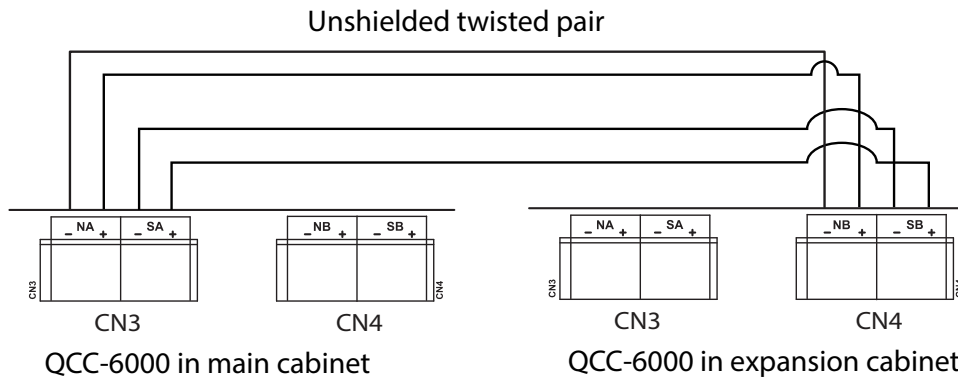**Figure 1   QCC-6000 Communications Card**

To CN4 on next QCC-6000 (see Figure 2)

From CN3 on previous QCC-6000 (see Figure 2)

Set the communication card's address with SW1 rotary switch

WC-100007 serial link cable (included with QPS-6650) connects from here to CN8 on QPS-6650

Leave all pins open

Not used

Short the center jumper pins (jumpers 5 and 6) on the card that is connected directly to the ANC-6000.
Leave all the other pins open.

Factory use only

Not used

In main cabinet, WC-100016 long ribbon cable connects from here to CN1 on ANC-6000

In expansion cabinet, WC-100016 long ribbon cable connects from here to CN14 on bottom QMB-6000

In main cabinet, WC-100017 short ribbon cable connects from here to CN14 on QMB-6000

In expansion cabinet, WC-100017 short ribbon cable connects from here to CN14 on top QMB-6000

Figure 2   Field Wiring between QCC-6000s Class B

Unshielded twisted pair

CN3   CN4   CN3   CN4

QCC-6000 in main cabinet   QCC-6000 in expansion cabinet

The maximum wiring length between QCC-6000s is 2000 feet (610 m) (suitable wire gauge is 18 AWG). Refer to the FX-MNS-6000 manual LT-6683 for complete wiring details.

Rotary Switch SW1is located in the top right hand corner as shown in Figure 1 above and is set starting from the address 0 to 9 for each expansion cabinet. Maximum 10 per node.

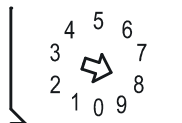**Figure 3   QCC-6000 Rotary Switch for Setting the Address**

Figure 4   Mounting the QCC-6000 Communications Card on QMB-6000 Audio Card Cage

QCC-6000 mounts onto the outside edge of amplifier card cage with two screws provided