

United High School Auditorium

Theatrical Intercom System

Radi-O-Sound Communications

In this system everyone connected to the main circuit "A" can be in constant, full duplex, hands free communications with each other.

The **Lighting Director** has a two-circuit station (BP-2), which provides for a second circuit through which (s)he communicates with the Follow-spot operators who have single circuit backpacks. The Follow-spot operators are not heard by anyone else in the system.

The **Play Director** also has a single-circuit station (BP-1) connected to circuit "A". The Play Director's station is portable and will be equipped with extra long cables.

The **Stage Right** position serves as Stage Manager. An RSM-1 with linking capability will be used at this position connecting to circuit "A" and starting a new circuit "C" which, in turn, will be connected to the AD913 transceiver interface.

The **Stage Left** position will use a BP-2 connected to both "A" and "C" circuits.

Wireless communications in the system will be facilitated by an AD913 Transceiver Interface connected the circuit "C". Personnel using conventional transceivers will hear messages from any station on circuit "C" while the sender presses and holds the signal light button. The remote transceivers will be heard by the stations on circuit "C" any time that they transmit.

The **RSM-1 at the Stage Right** position may use his *Link* switch to include all circuit "A" stations in communications with the roaming personnel. The transceivers are not part of this system as it stands and will have to be provided separately.

The **power supply** for the system will be a PS-2. It can be positioned anywhere in the system. It has three paralleled connectors on the back panel and so can be used as a junction point for circuit "A". Even though circuits "B" and "C" do not communicate with circuit "A", operating current is passed through to them by the two-circuit stations.

