# SAP-1626

## Source Assignment Panel

Model SAP-1626 Source Assign Panel provides a convenient means of assigning any one of 12 intercom channels and/or three program audio channels to 26 individual or groups of intercom user stations. Viewed as a "matrix switch", it transforms a basic two buss intercom system into a 15 buss system. When used as an intermediary between Series 800 (conference line) Master Stations and TW Intercom System user stations, the SAP-1626 distributes the master station channels to each group of user stations. While the master stations have multiple channel capability and can access a number of lines independently or simultaneously, user stations have only two channel capability. The SAP-1626 programs each user station to correspond with the same channels on the master stations. Once the channel assignments are made, the master station selectively communicates with any combination of user stations programmed on different channels. The SAP-1626 can also be used to assign channels in a 15-channel user station system configuration without master stations.

## Features

### Buses
There are three kinds of busses in the SAP-1626: 1) two-way two-wire type intercom buses, 2) DC powered two-way two wire intercom busses, and 3) program audio busses. There are twelve primary intercom busses and three program or secondary intercom buses.

### Program Buses
Three program buses allow three different program sources to be connected to a SAP-1626. TW user stations can be assigned these programs on their channel two connection (bottom row of switches on the SAP-1626). If TW user stations are assigned one of the program buses with program not connected, the buss functions as an intercom buss.
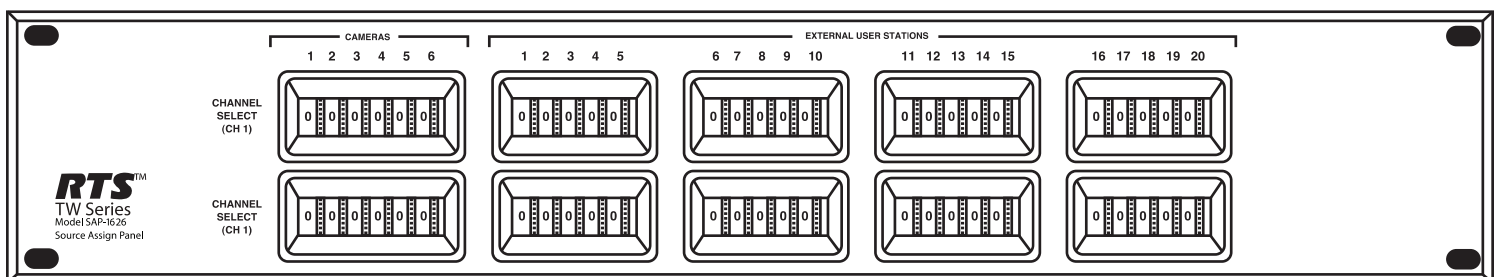
### Camera Outputs/Optional Outputs
In addition to the twenty outputs discussed above, there are six additional outputs. These outputs are intended primarily for cameras, but can be used for additional TW intercom stations or groups of stations. These six outputs are available on a twenty-five pin "D" type connector on the back of the SAP-1626.

### Packaging
The SAP-1626 fits into a standard two unit high 19" equipment rack. The front panel contains the thumbwheels used to accomplish the matrix switching.

## Line Drawing

# SAP-1626 Specifications

**Maximum Switch Carrying Current**
2.0 amps per output

**Maximum Switch Breaking Current**
0.5 amps per output

**Inputs**
Intercom 12 lines, full-duplex

Levels 2 volts p-p nominal In and out

**Program**
3 sources, simplex

Input Impedance 800 Ω

Input Level Range -4dBm to + 8dBm

**Outputs**
User Station 20

Camera 6

**Power Requirements**
Power is derived from the TW Intercom Power Supply(s)

**Dimensions**
3.46" (88mm) high, 19.0" (484mm) wide, 9.8" (249 mm) deep

**Weight**
10lbs (4.5 kg)

**Finish**
Light grey enamel

## Ordering Information

**SAP-1626**
Source assign panel for channel assignment
Catalog Number: 9000394900