



**Audio Specialties Group
Products Division**

**DUS-1526
TW Intercom
Source Assign Panel
Operators Guide**



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Section 1.0: Introduction

The DUS-1526 Source assign panel provides the user with the ability to route 26 2-channel outputs from 15 channels of RTS TW power supply channels in one 3-RU self contained chassis using industry standard XLR-3 and XLR-4 male and female connectors.

1.1 Safety and Precautions

All the power circuits are fused internally. There are no high voltages present inside the DUS-1526.

Do not expose to rain or direct sunlight.

Section 2: Capabilities

Up to 15 RTS TW type wet or dry channels can be routed to a total of 26 2-Ch outputs. The connections to the power supplies can be via XLR-3 or XLR-4 type connectors. Additionally, there are male and female 25-pin D-sub connectors that allow quick and efficient connection of all 15 channels. Also, channels 13, 14 and 15 can be connected to balanced audio or intercom circuits via XLR-3 connectors on the rear panel.

2.1 Terminate Switches

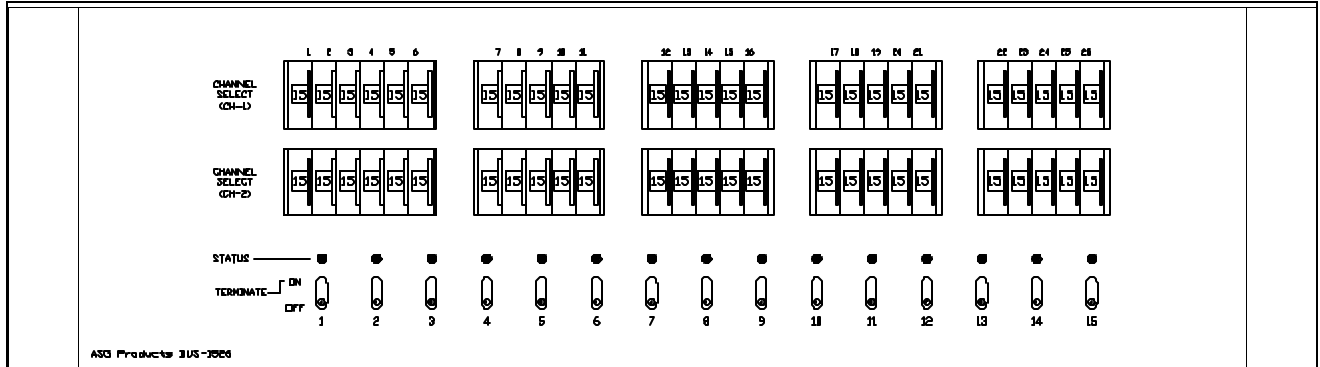
To accommodate systems that do not have all 15 channels powered, there are TERMINATE switches on the front panel. These switches, when flipped to the UP position, provide the proper 200-ohm termination value to allow that channel to function as an internal only circuit. While it is not dangerous to do so, do not turn on internal termination on a channel that is connected to a power supply. This condition would double-terminate the circuit and create a low audio level condition.

2.2 Status LED Indicators

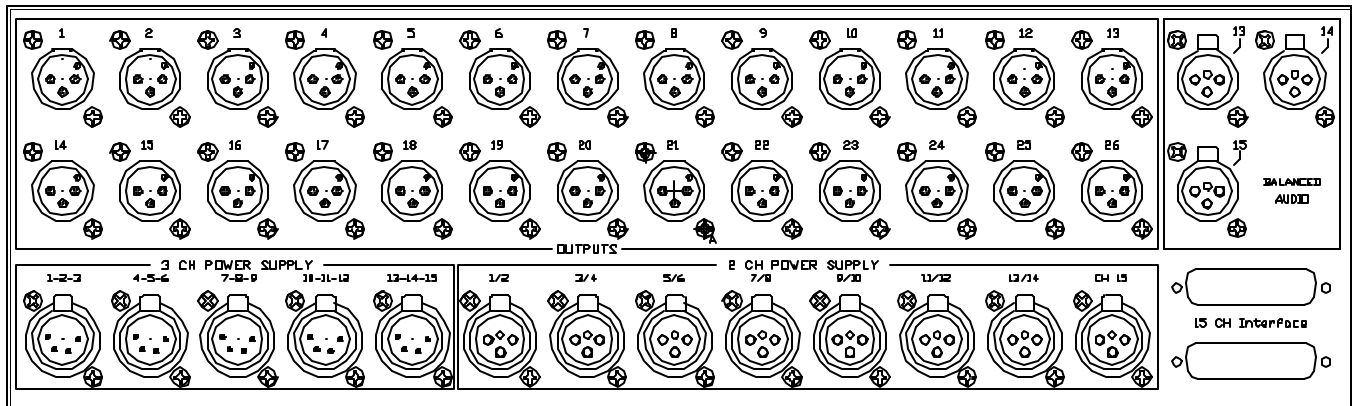
The STATUS lights indicate when a channel has power. These indicators extinguish when the voltage on that channel drops below 15V DC. If a STATUS light is not on, that channel may need terminating. If the DUS-1526 is used with an RTS PS-8, PS-15, PS-30 or PS60, only the odd channels will show power. However, the even channels do not need their terminate switches turned on because the listed power supplies provide the termination necessary on the even channels.

Section 3: Features

3.1 Front Panel Layout



3.2 Rear Panel Layout



Section 4: Internal Wiring

4.1 Factory (1626) Harness Color Code

CH 1,2,3 XLR-4F

1-Brown
2-Red
3-Orange
4-Black

CH 4,5,6 XLR-4F

1-Yellow
2-Blue
3-Violet
4-Black

CH 7,8,9 XLR-4F

1-Violet
2-Gray
3-White
4-Black

CH 10,11,12 XLR-4F

1-Brown
2-Red
3-Orange
4-Yellow

4.2 Balanced inputs

Input for CH-13

1-nc
2-Brown
3-Red

Input for CH 14

1-nc
2-Orange
3-Yellow

Input for CH-15

1-nc
2-Blue
3-Brown

4.3 25-PIN CONNECTOR

1	BROWN
2	RED
3	ORG
4	YELLOW
5	GREEN
6	BLUE
7	VIO
8	GRAY
9	WHT
10	BROWN
11	RED
12	ORG
13	YELLOW
14	GREEN
15	BLUE
16	BLACK
17	BLACK
18	BLACK
19	BLACK
20	WHITE (LOOP TO 20)
21	WHITE (LOOP TO 21)
22	WHITE (LOOP TO 22)
23	WHITE (LOOP TO 23)
24	WHITE (LOOP TO 24)
25	WHITE (LOOP TO 25)