

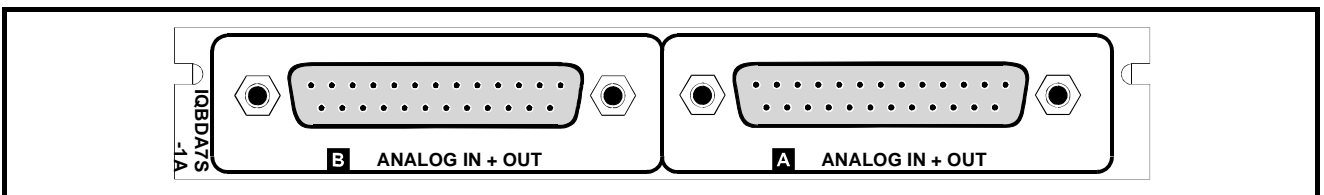
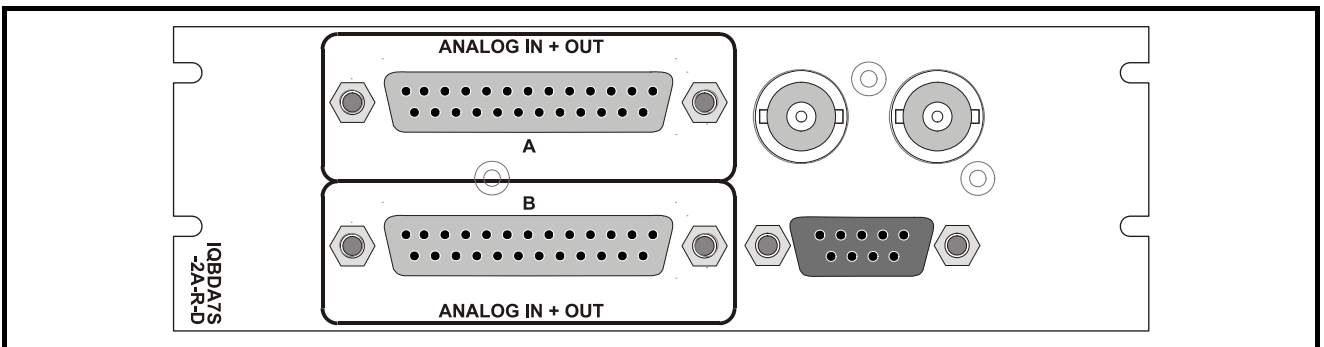
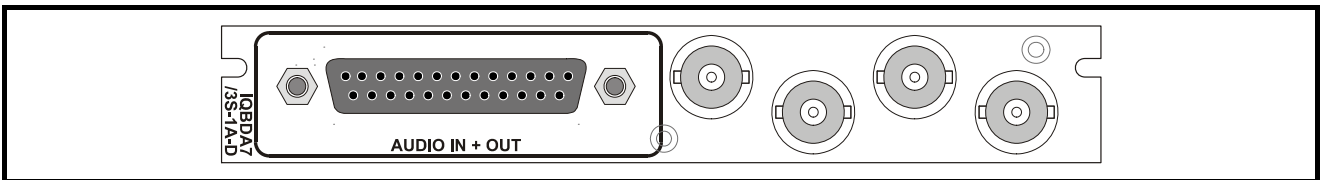
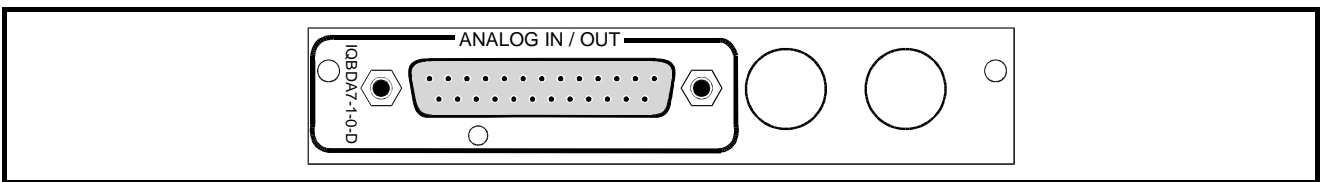
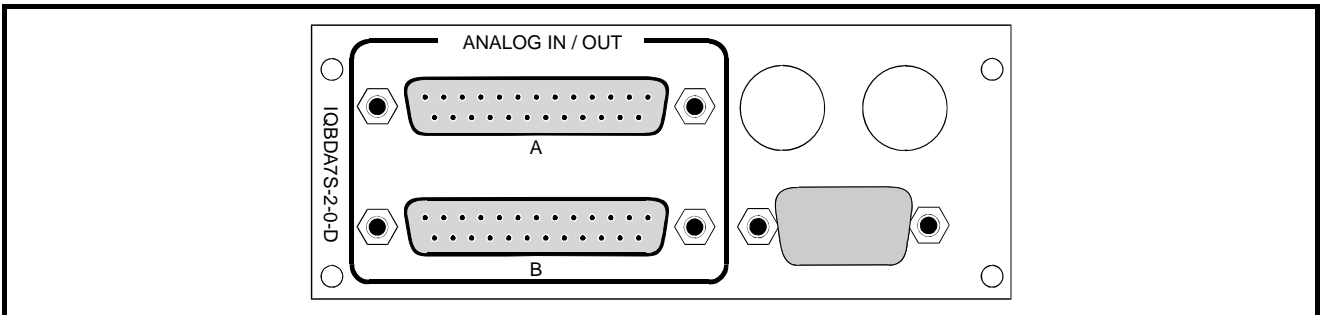
# IQBDA7 Analog Audio Distribution Amplifier

## Module Description

The IQBDA7 Analog Audio Distribution Amplifier has a single input with seven outputs. The IQBDA7S Analog Audio Distribution Amplifier has dual inputs with seven outputs per input. All modules are available in RollCall (-R) and non-RollCall versions. The RollCall versions use an electronic gain control of between -24 dB and +30 dB in 0.5 dB steps, which is also available

from the front panel. The non-RollCall versions gain is adjustable between -6 dB and 24 dB in 6 dB steps using jumper links, and also incorporates a fine gain adjust of -6 dB to +6 dB using a potentiometer. In both cases the maximum signal in or out (headroom) is 24 dBu. The balanced transformerless analog audio connections are via a 25D connector .

## REAR PANEL VIEWS



Versions of the module cards available are:

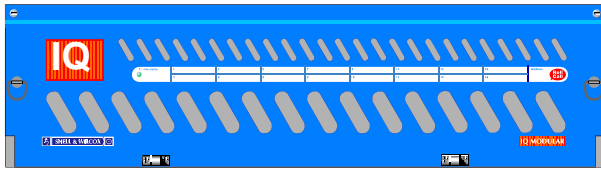
Module	Inputs	Outputs	RollCall	Gain Control	Width
IQBDA7-1-0-D	1	7	No	Links + Potentiometer	Single
IQBDA7-1A-0-D	1	7	No	Links + Potentiometer	Single
IQBDA7S-1A-0-D	2	7 + 7	No	Links + Potentiometer	Single
IQBDA7S-1A-R-D	2	7 + 7	Yes	Electronic + Rotary Switches	Single
IQBDA7S-2-0-D	2	7 + 7	No	Links + Potentiometer	Double
IQBDA7S-2A-0-D	2	7 + 7	No	Links + Potentiometer	Double
IQBDA7-1-R-D	1	7	Yes	Electronic + Rotary Switch	Single
IQBDA7-1A-R-D	1	7	Yes	Electronic + Rotary Switch	Single
IQBDA7S-2-R-D	2	7 + 7	Yes	Electronic + Rotary Switches	Double
IQBDA7S-2A-R-D	2	7 + 7	Yes	Electronic + Rotary Switches	Double

Module	Maximum Number of Modules per 3U rack when all outputs are at 24dBu and terminated with 600 Ohms	Width
IQBDA7-1-0-D	14	Single
IQBDA7S-1A-0-D	8	Single
IQBDA7S-1A-R-D	8	Single
IQBDA7/S-2-0-D	8	Double
IQBDA7-1-R-D	13	Single
IQBDA7/S-2-R-D	8	Double

**Note that there are two styles of rear panels available. They are not interchangeable between the two styles of enclosures. However, the cards may be fitted into any style of enclosure.**

### 'A' Style Enclosure

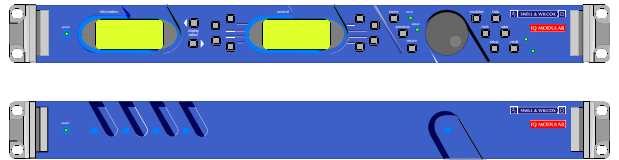
Rear panels **with** the suffix A may only be fitted into the 'A' style enclosure shown below.



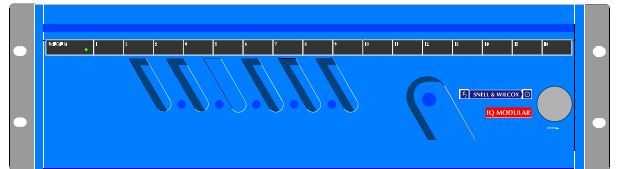
(Enclosure order codes IQH3A-E-0, IQH3A-E-P, IQH3A-0-0, IQH3A-0-P)

### 'O' Style Enclosures

Rear panels **without** the suffix A may only be fitted into the 'O' style enclosures shown below.



(Enclosure order codes IQH1S-RC-0, IQH1S-RC-AP, IQH1U-RC-0, IQH1U-RC-AP, Kudos Plus Products)

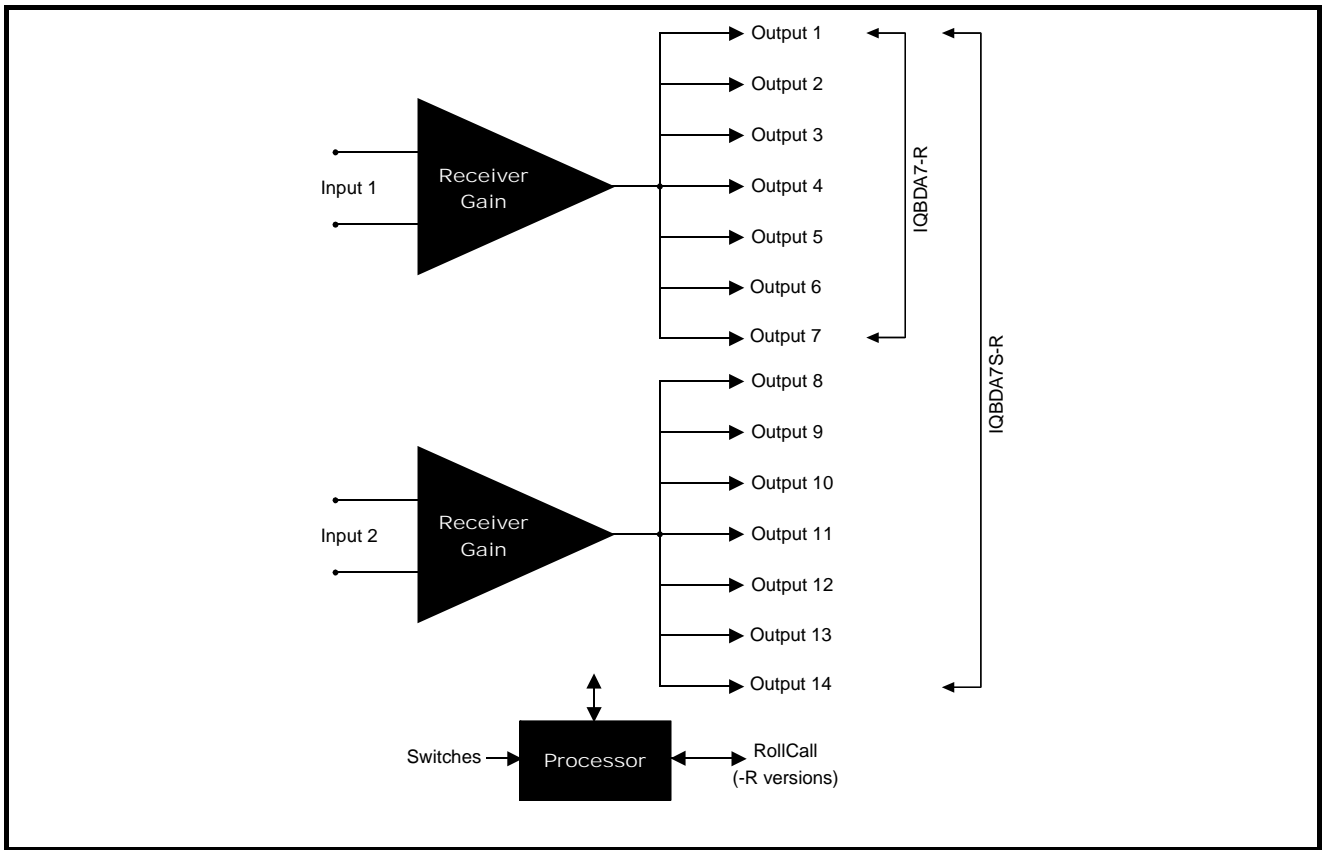


(Enclosure order codes IQH3N-0, IQH3N-P)



(Enclosure order codes IQH3U-RC-0, IQH3U-RC-P)

## BLOCK DIAGRAM



## Features

IQBDA7 accepts one analog audio input and provides seven outputs

- Very low THD+N
- Output gain adjustable from -6 dB to +24 dB by links
- Additional -6 dB to +6 dB gain by potentiometer
- Output gain adjustable from -24 dB to +30 dB (IQBDA7-R) via RollCall
- +24 dBu headroom

IQBDA7S accepts two analog audio inputs and gives seven outputs per input

- Can be linked to provide 14 outputs from 1 input
- Very low THD+N
- Output gain adjustable from -6 dB to +24 dB by links (IQBDA7S)
- Additional -6 dB to +6 dB gain by pot (IQBDA7S)
- Output gain adjustable from -24 dB to +30 dB (IQBDA7S-R) via RollCall
- +24 dBu headroom

# Technical Profile BDA7

## Inputs and Outputs

### Signal Inputs

Analog ..... 1 channel balanced via D type connector

### Signal Outputs

Analog ..... 7 balanced via D type connector

## Card Edge and RollCall Functions

### Indicators

Silence ..... <=20 dBu for 40 seconds

### Card Edge Controls (also available via RollCall - R version only)

Gain (-0 version) ..... -6 dB to 24 dB in 6 dB steps  
(jumper links).  
-6 dB to +6 dB variable control

Gain (-R version) -24 dB, -18 dB, -12 dB, -6 dB, 0 dB, +6 dB,  
+12 dB, +18 dB, +24 dB, +30 dB via card  
edge rotary switches.

### Functions Available via RollCall™ Only (- R version only)

Gain.....-24 dB to +30 dB in 0.5 dB steps

## Specifications

Analog Input/Output Level...Headroom set to:  
24 dBu (17.5 V pk to pk) Gain at  
Unity

Analog Input Impedance ..... 10 k ohms

Analog Output Impedance .. <50 ohms

Total Harmonic Distortion+Noise  
Less than 0.005% at 700 Hz,  
24 dBu input and 0 dB gain

Noise Floor (-0 version)..... Better than -119 dBFS, 0 dB gain  
(20 Hz to 20 kHz)

Noise Floor (-R version)..... Better than -105 dBFS, 0 dB gain  
(20 Hz to 20 kHz)

Gain Accuracy..... Better than  $\pm 0.2$  dB w.r.t. 0 dB

Common Mode Rejection.... Better than -60 dB, 20 Hz to 20 kHz

Frequency Flatness..... Better than +0.1 dBu to -0.3 dBu  
(20 Hz to 20 kHz with reference to  
1 kHz)

Headroom (in and out) 24 dBu

### Power Consumption

Module Power Consumption 7.6 W max (-R versions)  
7.1 W max (-0 versions)

# Technical Profile BDA7S

## Inputs and Outputs

### Signal Inputs

Analog .....2 channels balanced via D type connector

### Signal Outputs

Analog .....7 per input channel balanced via D type connector

## Card Edge and RollCall Functions

### Indicators

Silence L and Right.....<=20 dBu for 40 seconds

### Card Edge Controls (also available via RollCall - R version only)

Gain (Separate L and R) (-0 version)  
-6 dB to 24 dB in 6 dB steps  
(jumper links).  
-6 dB to +6 dB variable control

Gain (Separate L and R) (-R version)

-24 dB, -18 dB, -12 dB, -6 dB,  
0 dB, +6 dB, +12 dB, +18 dB,  
+24 dB, and +30 dB via card edge  
rotary switches.

### Functions Available via RollCall™ Only (- R version only)

Gain (Separate L and R)....-24 dB to +30 dB in 0.5 dB steps

## Specifications

Analog Input/Output Level...Headroom set to:  
24 dBu (17.5 V pk to pk) Gain at  
Unity

Analog Input Impedance .....10 k ohms

Analog Output Impedance ..<50 ohms

Total Harmonic Distortion + Noise  
Less than 0.005% at 700 Hz,  
24 dBu in and 0 dB gain

Noise Floor (-0 version).....Better than -119 dB FS, 0 dB gain  
(20 Hz to 20 kHz)

Noise Floor (-R version).....Better than -105 dBFS, 0 dB gain  
(20 Hz to 20 kHz)

Stereo Amplitude Matching (-0 version)  
Better than ±0.1 dB L to R any gain

Stereo Amplitude Matching (-R version)  
Better than ±0.2 dB L to R any gain

Gain Accuracy L or R .....Better than ±0.2 dB w.r.t. 0 dB

Common Mode Rejection....Better than -60 dB (20 Hz to  
20 kHz)

Frequency Flatness.....Better than +0.1 dBu to -0.3 dBu  
(20 Hz to 20 kHz with reference to  
1 kHz)

Headroom (in and out) .....24 dBu

### Power Consumption

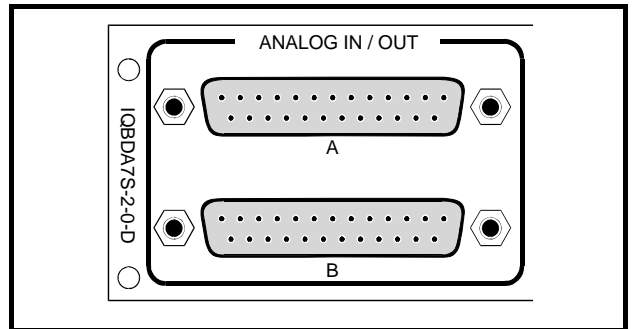
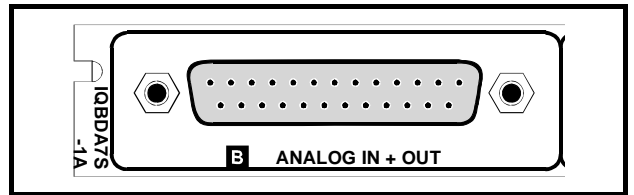
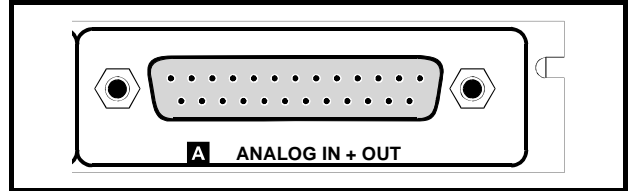
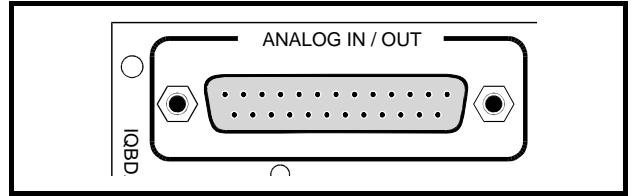
Module Power Consumption 4.1 W max (-1A-R versions)  
3.4 W max (-1A-0 versions)

Module Power Consumption 14.9 W max (-2/2A-R versions)  
12.7 W max (-2/2A-0 versions)

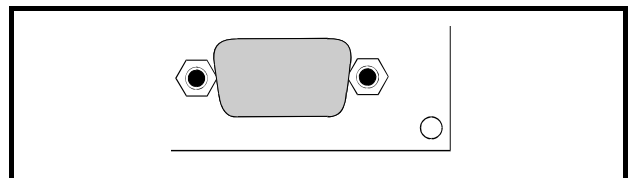
INPUTS AND OUTPUTS

All analog input and output connections are made via this single 25 way female D-type connector or via the two 25 way female D-type connectors (S versions).

For connection data consult the tables on page 5.



**Note that the 9 way D connector has no function on these units. Do not make connections to this connector.**



## CONNECTION DETAILS

IQBDA7-1-0-D	Single Analog Audio D.A. 1 input 7 outputs	Single width module
IQBDA7-1A-0-D	Single Analog Audio D.A. 1 input 7 outputs	Single width module
IQBDA7-1-R-D	Single Analog Audio D.A. 1 input 7 outputs with RollCall	Single width module
IQBDA7-1A-R-D	Single Analog Audio D.A. 1 input 7 outputs with RollCall	Single width module

25 Way D (A) Pin Number	Description	Ribbon Cable Strand Number	Standard Pin Assignment
1		1	CHASSIS
14	Analog Out 1 Gnd	2	GND1
2	Analog Out 1 +	3	1+
15	Analog Out 1 -	4	1-
3	Analog Out 2 +	5	2+
16	Analog Out 2 -	6	2-
4	Analog Out 2 Gnd	7	GND2
17	Analog Out 3 Gnd	8	GND3
5	Analog Out 3 +	9	3+
18	Analog Out 3 -	10	3-
6	Analog Out 4 +	11	4+
19	Analog Out 4 -	12	4-
7	Analog Out 4 Gnd	13	GND4 (CH)
20	Analog Out 5 Gnd	14	GND5
8	Analog Out 5 +	15	5+
21	Analog Out 5 -	16	5-
9	Analog Out 6 +	17	6+
22	Analog Out 6 -	18	6-
10	Analog Out 6 Gnd	19	GND6
23	Analog In 1 Gnd	20	GND7
11	Analog In 1+	21	7+
24	Analog In 1-	22	7-
12	Analog Out 7 +	23	8+
25	Analog Out 7 -	24	8-
13	Analog Out 7 Gnd	25	GND8

*Note: When assembling cables connect pin 13 of the D-Type to pin 7 of the D-Type to ensure the signal ground and chassis ground are connected.*



## CONNECTION DETAILS

IQBDA7S-1A-0-D	Dual Analog Audio D.A. 2 inputs 7 outputs per channel	Single width module
IQBDA7S-1A-R-D	Dual Analog Audio D.A. 2 inputs 7 outputs per channel with RollCall	Single width module
IQBDA7S-2-0-D	Dual Analog Audio D.A. 2 inputs 7 outputs per channel	Double width module
IQBDA7S-2-R-D	Dual Analog Audio D.A. 2 inputs 7 outputs per channel with RollCall	Double width module
IQBDA7S-2A-0-D	Dual Analog Audio D.A. 2 inputs 7 outputs per channel	Double width module
IQBDA7S-2A-R-D	Dual Analog Audio D.A. 2 inputs 7 outputs per channel with RollCall	Double width module

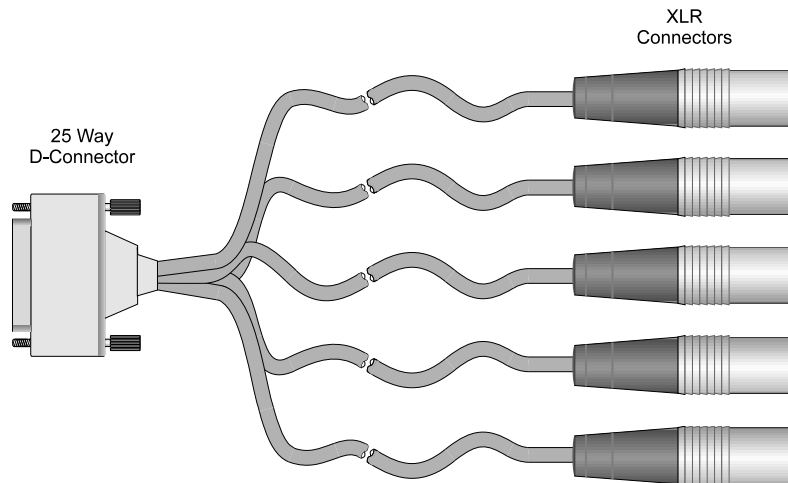
25 Way D (A) Pin Number	Description	Ribbon Cable Strand Number	Standard Pin Assignment
1		1	CHASSIS
14	Analog Out 1 Gnd	2	GND1
2	Analog Out 1 +	3	1+
15	Analog Out 1 -	4	1-
3	Analog Out 2 +	5	2+
16	Analog Out 2 -	6	2-
4	Analog Out 2 Gnd	7	GND2
17	Analog Out 3 Gnd	8	GND3
5	Analog Out 3 +	9	3+
18	Analog Out 3 -	10	3-
6	Analog Out 4 +	11	4+
19	Analog Out 4 -	12	4-
7	Analog Out 4 Gnd	13	GND4 (CH)
20	Analog Out 5 Gnd	14	GND5
8	Analog Out 5 +	15	5+
21	Analog Out 5 -	16	5-
9	Analog Out 6 +	17	6+
22	Analog Out 6 -	18	6-
10	Analog Out 6 Gnd	19	GND6
23	Analog In 1 Gnd	20	GND7
11	Analog In 1+	21	7+
24	Analog In 1-	22	7-
12	Analog Out 7 +	23	8+
25	Analog Out 7 -	24	8-
13	Analog Out 7 Gnd	25	GND8

## CONNECTION DETAILS (continued)

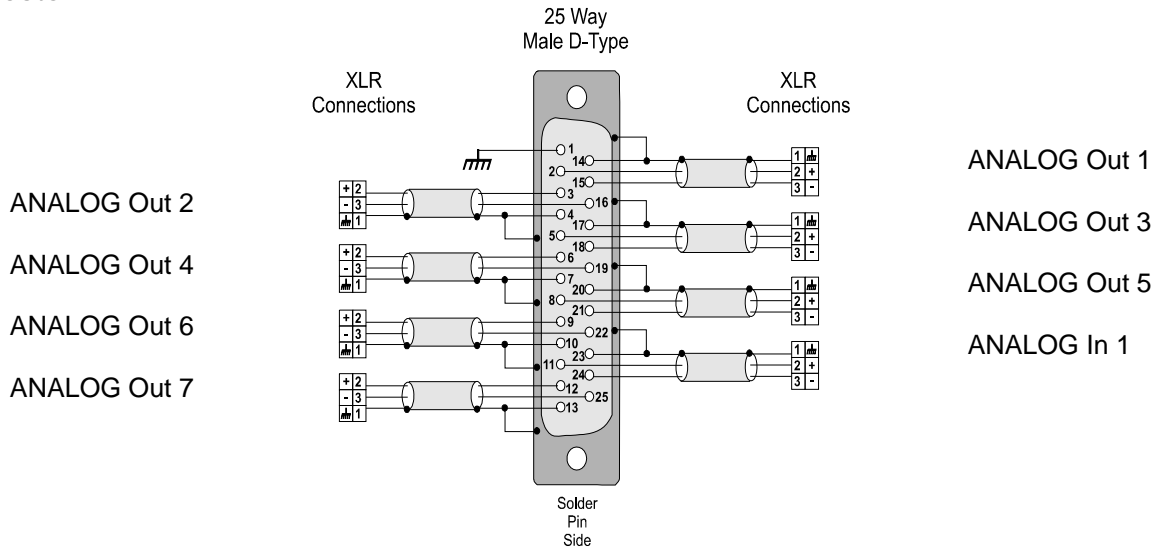
IQBDA7S-1A-0-D Dual Analog Audio D.A. 2 inputs 7 outputs per channel Single width module  
 IQBDA7S-1A-R-D Dual Analog Audio D.A. 2 inputs 7 outputs per channel with RollCall Single width module  
 IQBDA7S-2-0-D Dual Analog Audio D.A. 2 inputs 7 outputs per channel Double width module  
 IQBDA7S-2-R-D Dual Analog Audio D.A. 2 inputs 7 outputs per channel with RollCall Double width module  
 IQBDA7S-2A-0-D Dual Analog Audio D.A. 2 inputs 7 outputs per channel Double width module  
 IQBDA7S-2A-R-D Dual Analog Audio D.A. 2 inputs 7 outputs per channel with RollCall Double width module

25 Way D (B) Pin Number	Description	Ribbon Cable Strand Number	Standard Pin Assignment
1		1	CHASSIS
14	Analog Out 8 Gnd	2	GND1
2	Analog Out 8 +	3	1+
15	Analog Out 8 -	4	1-
3	Analog Out 9 +	5	2+
16	Analog Out 9 -	6	2-
4	Analog Out 9 Gnd	7	GND2
17	Analog Out 10 Gnd	8	GND3
5	Analog Out 10 +	9	3+
18	Analog Out 10 -	10	3-
6	Analog Out 11 +	11	4+
19	Analog Out 11 -	12	4-
7	Analog Out 11 Gnd	13	GND4 (CH)
20	Analog Out 12 Gnd	14	GND5
8	Analog Out 12 +	15	5+
21	Analog Out 12 -	16	5-
9	Analog Out 13 +	17	6+
22	Analog Out 13 -	18	6-
10	Analog Out 13 Gnd	19	GND6
23	Analog In 2 Gnd	20	GND7
11	Analog In 2+	21	7+
24	Analog In 2-	22	7-
12	Analog Out 14 +	23	8+
25	Analog Out 14 -	24	8-
13	Analog Out 14 Gnd	25	GND8

**Example of Connection Details to XLR Connectors**

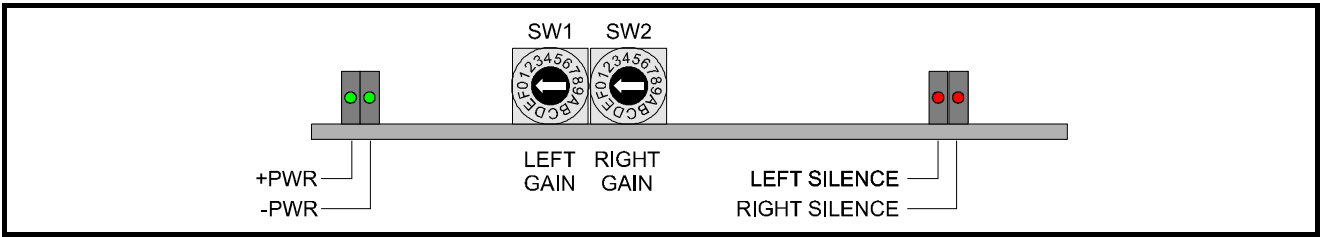


Connector A



CARD EDGE CONTROLS

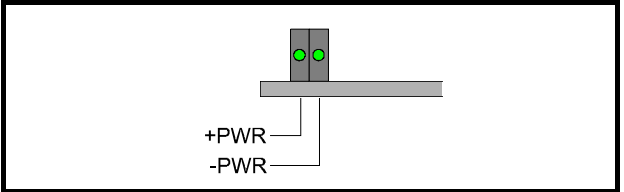
Two input version with RollCall control (IQBDA7S-2-R-D, IQBDA7S-2A-R-D, IQBDA7S-1A-R-D)



LED INDICATORS

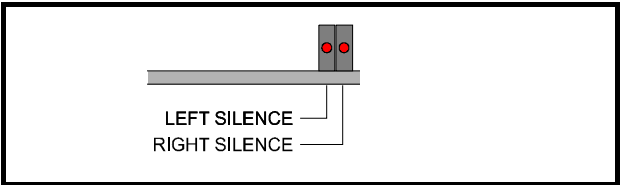
**+PWR and -PWR**

These two indicators are illuminated when the positive and negative supplies are present.



**Silence**

These indicators will become illuminated if the signal input level of the channel falls below -20 dBu for a period of greater than 40 seconds.

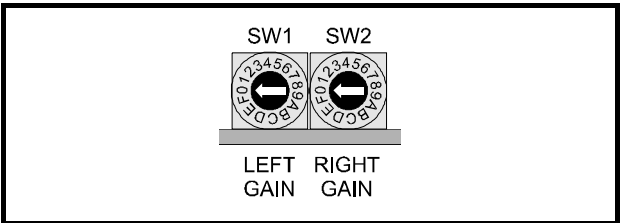


SW1 and SW2

These switches allow the gain of the channel to be set.

Settings are as follows:

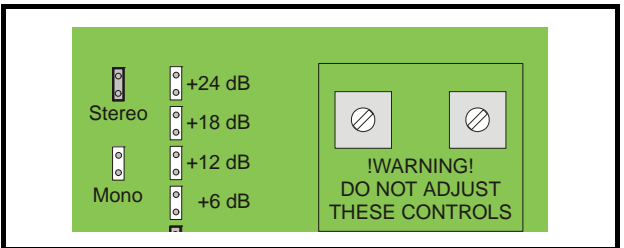
Position	Gain dB
0	0
1	6
2	12
3	18
4	24
5	30
6	30
7	30
8	30
9	30
A	30
B	30
C	-24
D	-18
E	-12
F	-6



Stereo/Mono Link

When this link is fitted in the Stereo position the module operates as a 2 channel amplifier with 7 outputs per channel.

When the link is fitted in the Mono position the module operates as a single channel amplifier with 14 outputs. Under these conditions the input signal is taken from Input 1 and Input 2 is disabled.



### Input Termination Setting

The input impedance for the input channel may be set to HIGH (10,000 Ohms) or LOW (600 Ohms) by means of a link.

When both links are fitted the input impedance is 600 Ohms.

When both links are not fitted the input impedance is 10,000 Ohms.

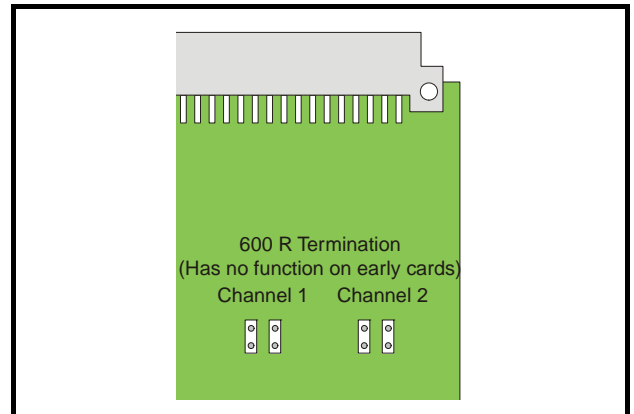
#### Important Note

On early versions of this card it is not possible to set the input impedance to 600 Ohms with this link and the input impedance will always be 10,000 Ohms.

The code on the white PCB assembly label will determine whether the card is an early or later version.

Early cards will be coded:  
SAANRBDA7S1x

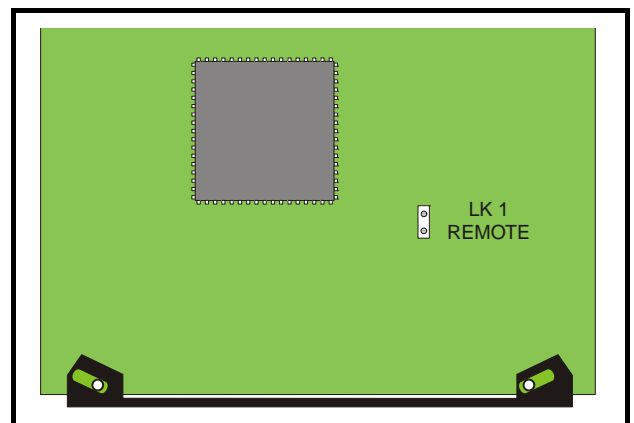
Later cards will be coded:  
SAANRBDA7S1A, 1B, 1C etc.



### LK1 REMOTE

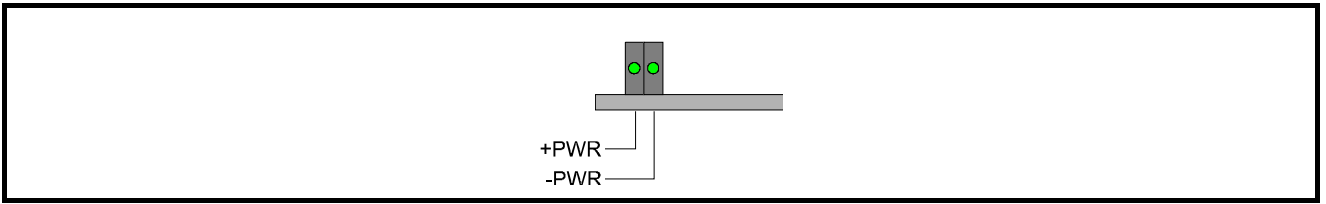
The unit will respond to both local and remote control, one system overriding the settings of the other. For cards using the RollCall™ remote control system, activating the card edge controls will override the remote control settings. The RollCall™ control panel will then follow these settings.

Note that in Mainframes where RollCall™ is not available the link LK1 (Remote) located near the center of the card should be set to the OFF (unconnected) position. This ensures that when the unit is powered-up the factory default settings of parameters not available as card edge adjustments, are loaded. With the link in the ON (connected) position card will power-up with the last settings sent by the remote control panel.



CARD EDGE CONTROLS

Two Input version without RollCall control (IQBDA7S-2-0-D, IQBDA7S-2A-0-D, IQBDA7S-1A-0-D)



LED INDICATORS

**+PWR and -PWR**

These two indicators are illuminated when the positive and negative supplies are present.

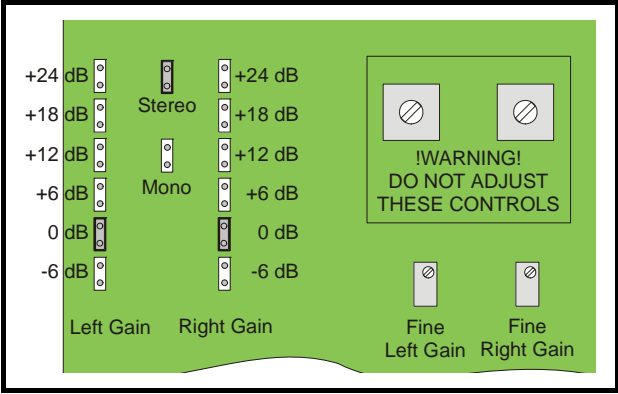
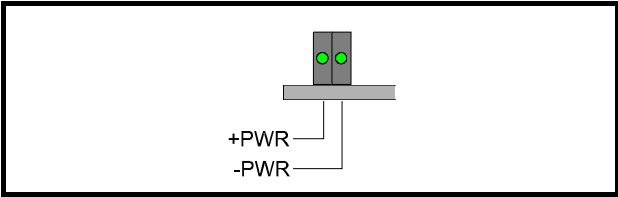
Gain Adjustment

The overall gain of a channel may be adjusted using links and a variable potentiometer.

Fitting the link provides the coarse adjustment of -6 dB, 0 dB, +6 dB, +12 dB, +18 dB and +24 dB. The card is supplied with the link fitted as shown opposite, in the 0 dB position.

Adjusting the 10-turn potentiometer provides fine adjustment of ±6 dB. The card is supplied with the control set to the 0 dB position.

**Caution: Do not adjust the square single turn controls.**



Stereo/Mono Link

When this link is fitted in the Stereo position the module operates as a 2 channel amplifier with 7 outputs per channel.

When the link is fitted in the Mono position the module operates as a single channel amplifier with 14 outputs. Under these conditions the input signal is taken from Input 1 and Input 2 is disabled.

### Input Termination Setting

The input impedance for the input channel may be set to HIGH (10,000 Ohms) or LOW (600 Ohms) by means of a link.

When both links are fitted the input impedance is 600 Ohms.

When both links are not fitted the input impedance is 10,000 Ohms.

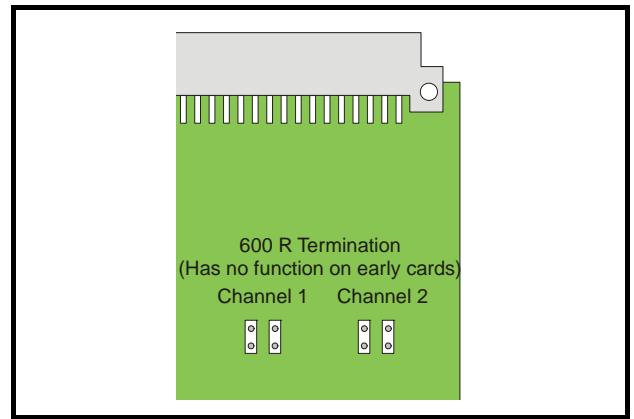
#### Important Note

On early versions of this card it is not possible to set the input impedance to 600 Ohms with this link and the input impedance will always be 10,000 Ohms.

The code on the white PCB assembly label will determine whether the card is an early or later version.

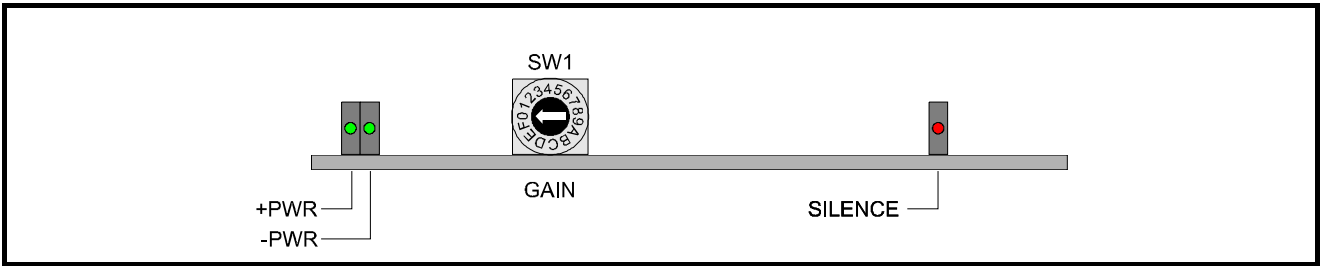
Early cards will be coded:  
SAANRBDA7S1x

Later cards will be coded:  
SAANRBDA7S1A, 1B, 1C etc.



CARD EDGE CONTROLS

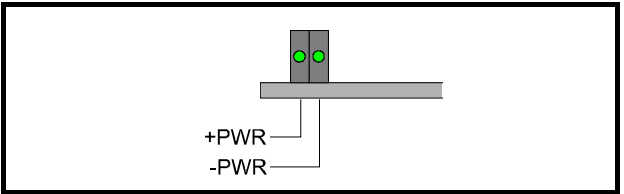
Single input versions with RollCall control (IQBDA7-1-R-D, IQBDA7-1A-R-D)



LED INDICATORS

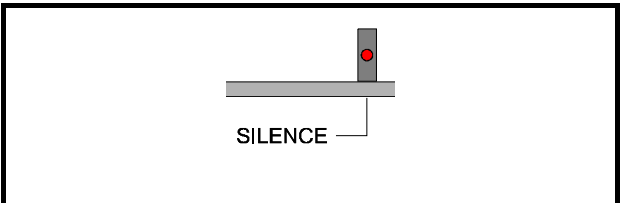
**+PWR and -PWR**

These two indicators are illuminated when the positive and negative supplies are present.



**Silence**

This indicator will become illuminated if the signal input level of the channel falls below -20 dBu for a period of greater than 40 seconds.

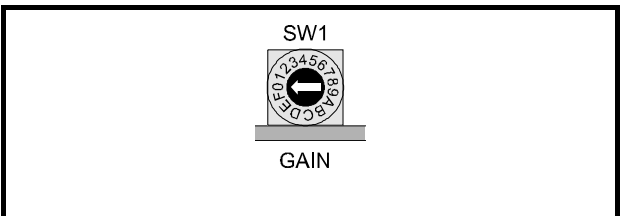


SW1

This switch allows the gain to be set.

Settings are as follows:

Position	Gain dB
0	0
1	6
2	12
3	18
4	24
5	30
6	30
7	30
8	30
9	30
A	30
B	30
C	-24
D	-18
E	-12
F	-6





### Input Termination Setting

The input impedance for the input channel may be set to HIGH (10,000 Ohms) or LOW (600 Ohms) by means of a link.

When both links are fitted the input impedance is 600 Ohms.

When both links are not fitted the input impedance is 10,000 Ohms.

#### Important Note

On early versions of this card it is not possible to set the input impedance to 600 Ohms with this link and the input impedance will always be 10,000 Ohms.

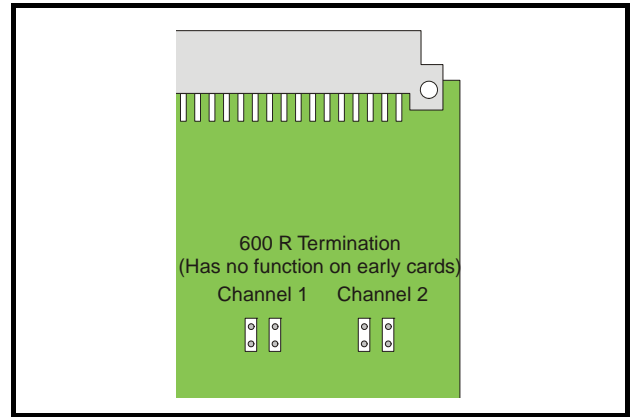
The code on the white PCB assembly label will determine whether the card is an early or later version.

Early cards will be coded:

SAANRBDA71x

Later cards will be coded:

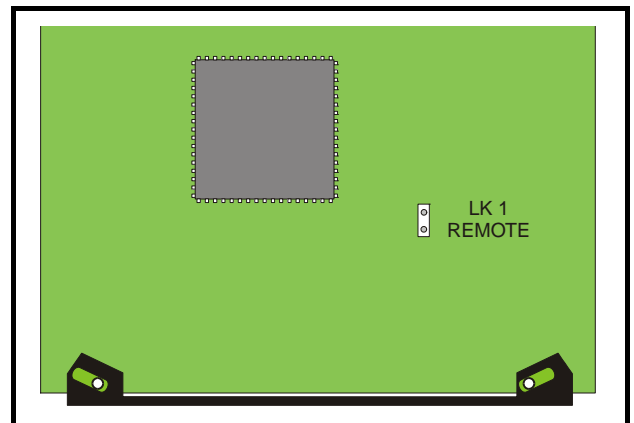
SAANRBDA71A, 1B, 1C etc.



### LK1 REMOTE

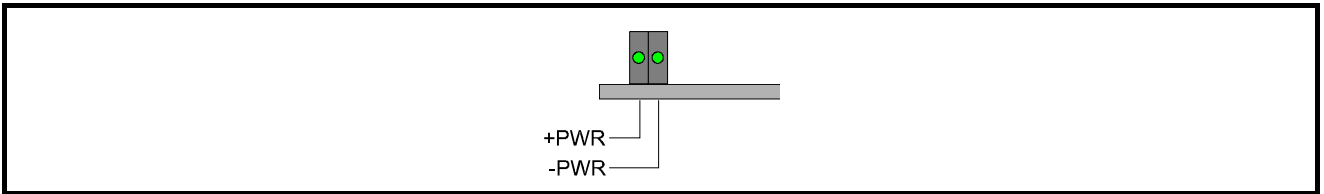
The unit will respond to both local and remote control, one system overriding the settings of the other. For cards using the RollCall™ remote control system, activating the card edge controls will override the remote control settings. The RollCall™ control panel will then follow these settings.

Note that in Mainframes where RollCall™ is not available the link LK1 (Remote) located near the center of the card should be set to the OFF (unconnected) position. This ensures that when the unit is powered-up the factory default settings of parameters not available as card edge adjustments, are loaded. With the link in the ON (connected) position card will power-up with the last settings sent by the remote control panel.



## CARD CONTROLS

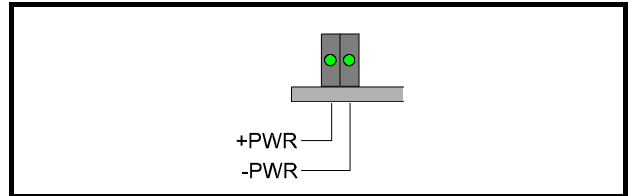
Single Input versions without RollCall control (IQBDA7-1-0-D and IQBDA7-1A-0-D Versions)



## LED INDICATORS

**+PWR and -PWR**

These two indicators are illuminated when the positive and negative supplies are present.



## Gain Adjustment

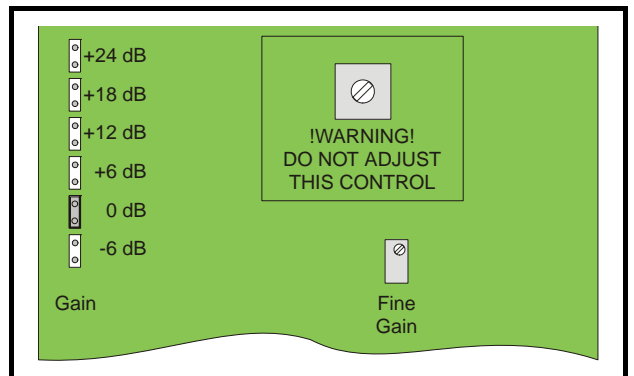
The overall gain of a channel may be adjusted using links and a variable potentiometer.

Fitting the link provides the coarse adjustment of -6 dB, 0 dB, +6 dB, +12 dB, +18 dB and +24 dB. The card is supplied with the link fitted as shown opposite, in the 0 dB position.

Adjusting the 10-turn potentiometer provides fine adjustment of  $\pm 6$  dB.

The card is supplied with the control set to the 0 dB position.

**Caution: Do not adjust the square single turn controls.**

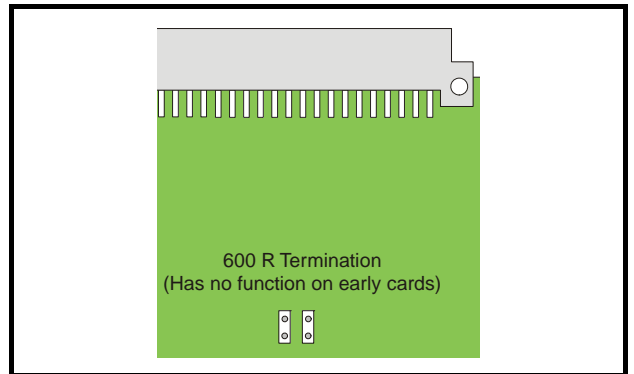


## Input Termination Setting (-0 and -R versions)

The input impedance for the input channel may be set to HIGH (10,000 Ohms) or LOW (600 Ohms) by means of a link.

When both links are fitted the input impedance is 600 Ohms.

When both links are not fitted the input impedance is 10,000 Ohms.

**Important Note**

On early versions of this card it is not possible to set the input impedance to 600 Ohms with this link and the input impedance will always be 10,000 Ohms.

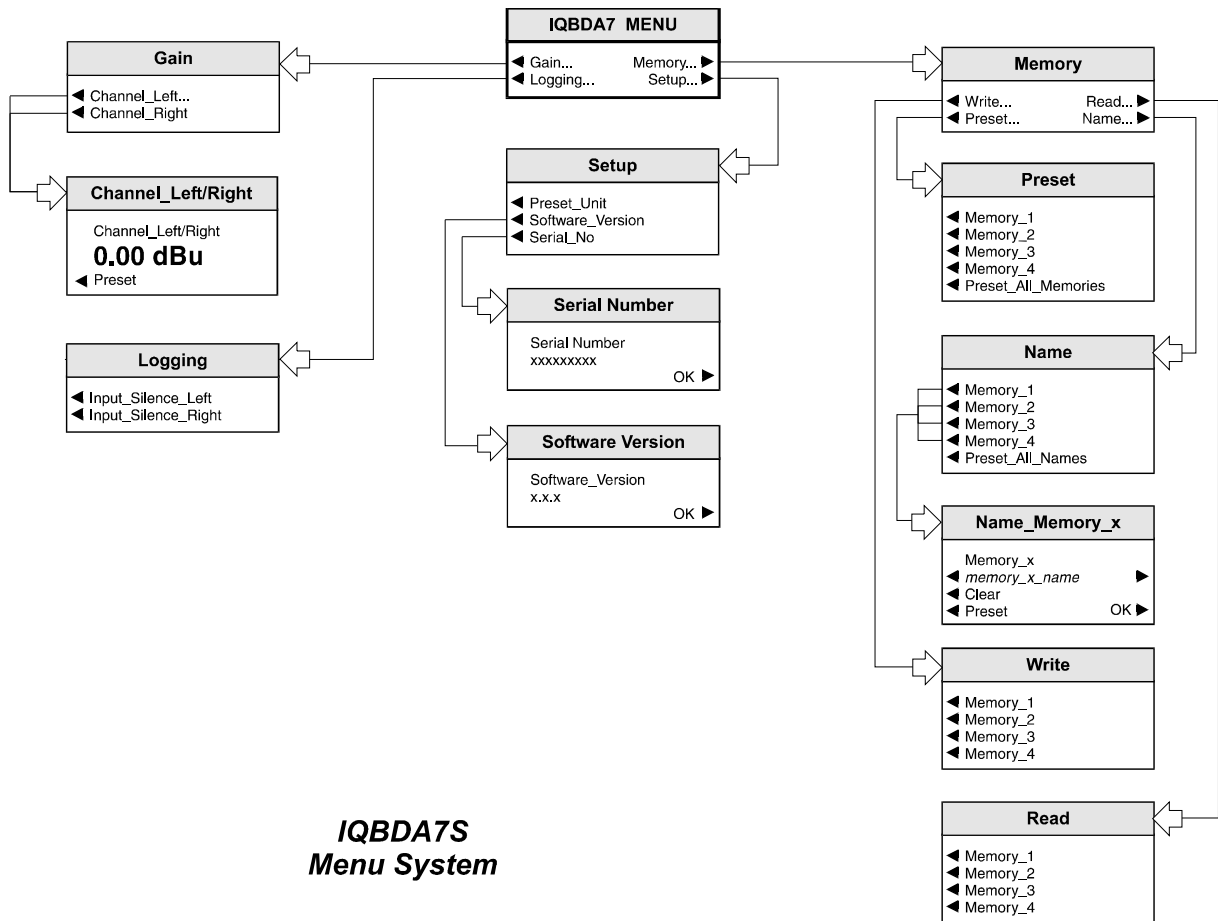
The code on the white PCB assembly label will determine whether the card is an early or later version.

Early cards will be coded:

SAANRBDA71x

Later cards will be coded:

SAANRBDA71A, 1B, 1C etc



***IQBDA7S  
Menu System***

## OPERATION FROM AN ACTIVE CONTROL PANEL (-R versions only)

The card may be operated with an active control panel via the RollCall™ network.

The menus available for this card are shown on page opposite and will appear in the Control display window.

Operational details for the remote control panel will be found in SECTION 1 of the Modular System Operator's Manual.

### MENU DETAILS (IQBDA7S)

(see IQ Menu System on previous page)

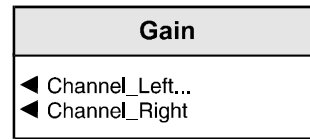
#### MAIN MENU

The main, or top level menu allows various sub-menus to be selected by pressing the button adjacent to the required text line.

Note that where a menu item is followed by three dots (...) this indicates that a further sub-menu may be selected.

Whenever a menu item is selected the parameters of that selection will be displayed in the Information window of the front panel. Where the selection is purely a mode selection and does not enable a sub-menu, the text will become reversed (white-on-black) indicating that the mode is active. If the mode is not available for selection the text will remain normal.

#### ◀ Gain



This selection allows the gain of the left and right channels to be set.

When the channel is selected a numerical display will appear.

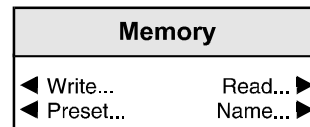


By operating the spinwheel the gain may be adjusted.

The range of adjustment is from -24 dBu to +30 dBu in steps of 0.5 dB.

Preset is to 0 dB.

#### Memory ▶



This function reveals a sub-menu that allows control of the user memories.

#### ◀ Write

This function reveals a sub-menu that allows the settings of all items to be saved. Up to 4 different set-ups may be saved in the 4 memory locations.

*They can all be renamed using the **Name ▶** menu.*

#### Read ▶

This function reveals a sub-menu that allows 4 different settings of all items to be recalled from the 4 memory locations as saved in the ◀ **Write** function.

#### ◀ Preset

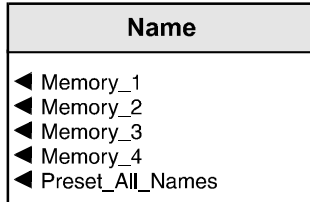
This selection allows individual (select memory location e.g. ◀ **Memory\_1**) or all (select ◀ **Preset\_All\_Memories**) memory locations to be cleared and returned to their default (factory) settings.

**Name ▶**

This selection allows renaming of memory 1 to 4 locations.

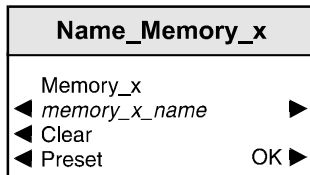
To rename a memory location when operating in a particular standard, select \\snellwilcox.local\root\Marketing\Prodmgmt\Data

◀ Name to reveal the sub-menu.



Select the memory location to be renamed e.g.

◀ Memory\_1



To compile/edit the text the right ▶ and left ◀ buttons adjacent to the upper text line in the menu should be used to select the character position in the text and the spinwheel used to select the character.

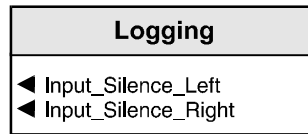
The ◀ **Clear** function blanks out the selected character.

The ◀ **Preset** function loads the default text, for example, Memory\_1.

**O.K. ▶** saves the caption text and returns to the main menu.

The ◀ **Preset\_All\_Names** function loads the default text to all memories.

**◀ Logging**



If a logging device is attached to the RollCall™ network, information about various parameters will be reported to the logging device assigned in the Remote Control Interface system. (See Modular System Operator's Manual, Section 1, The RCIF Menu System)

The logging sub-menu allows the following information to be made available for logging:

- ◀ Input\_Silence\_Left
- ◀ Input\_Silence\_Right

Factory preset is nothing enabled.



This selection reveals a sub-menu that allows various functions to be set

**◀ Preset\_Unit**

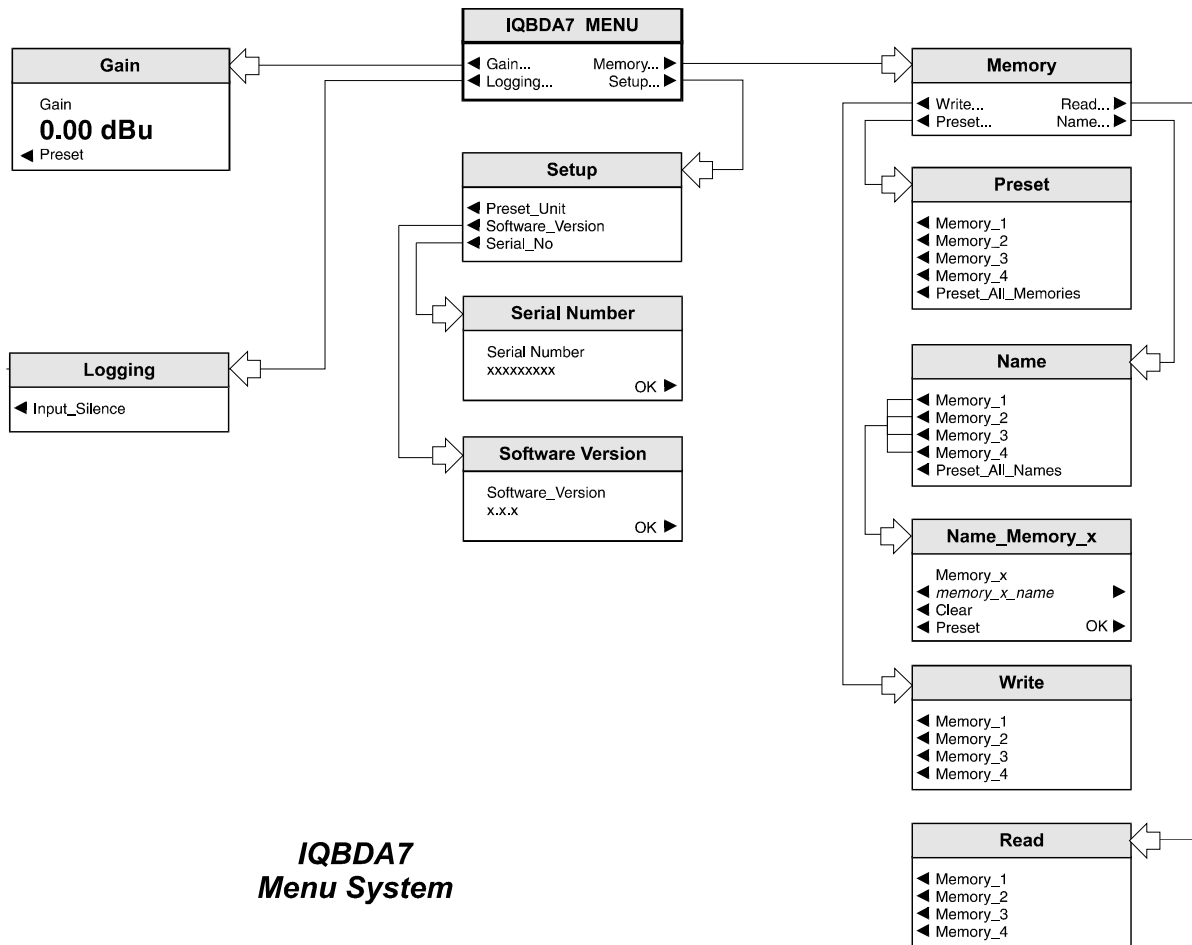
Selecting this item sets all adjustment functions that include a preset facility, to their preset values. *Note that this is a momentary action and the text will not become reversed.*

**◀ Software Version**

Selecting this item reveals a display showing the version of the software fitted in the module. Select OK to return to the Setup Menu.

**◀ Serial Number**

Selecting this item reveals a display showing the serial number of the module. Select OK to return to the Setup Menu.



***IQBDA7  
Menu System***

## MENU DETAILS (IQBDA7-R versions )

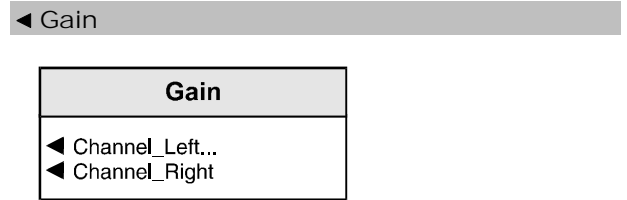
(see IQ Menu System on previous page)

### MAIN MENU

The main, or top level menu allows various sub-menus to be selected by pressing the button adjacent to the required text line.

Note that where a menu item is followed by three dots (...) this indicates that a further sub-menu may be selected.

Whenever a menu item is selected the parameters of that selection will be displayed in the Information window of the front panel. Where the selection is purely a mode selection and does not enable a sub-menu, the text will become reversed (white-on-black) indicating that the mode is active. If the mode is not available for selection the text will remain normal.



This selection allows the gain of the left and right channels to be set.

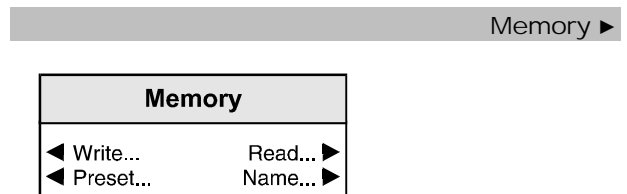
When the channel is selected a numerical display will appear.



By operating the spinwheel the gain may be adjusted.

The range of adjustment is from -24 dBu to +30 dBu in steps of 0.5 dB.

Preset is to 0 dB.



This function reveals a sub-menu that allows control of the user memories.

#### ◀ Write

This function reveals a sub-menu that allows the settings of all items to be saved. Up to 4 different set-ups may be saved in the 4 memory locations. *They can all be renamed using the **Name ▶** menu.*

#### Read ▶

This function reveals a sub-menu that allows 4 different settings of all items to be recalled from the 4 memory locations as saved in the ◀ **Write** function.

#### ◀ Preset

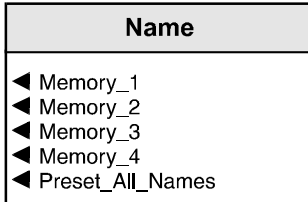
This selection allows individual (select memory location e.g. ◀ **Memory\_1**) or all (select ◀ **Preset\_All\_Memories**) memory locations to be cleared and returned to their default (factory) settings.

**Name ▶**

This selection allows renaming of memory 1 to 4 locations.

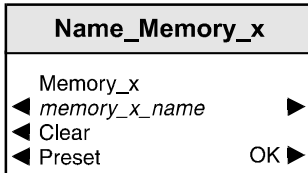
To rename a memory location when operating in a particular standard, select \\snellwilcox.local\root\Marketing\Prodmgmt\Data

◀ Name to reveal the sub-menu.



Select the memory location to be renamed e.g.

◀ Memory\_1



To compile/edit the text the right ▶ and left ◀ buttons adjacent to the upper text line in the menu should be used to select the character position in the text and the spinwheel used to select the character.

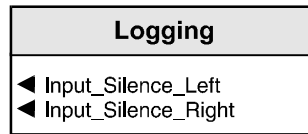
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If a logging device is attached to the RollCall™ network, information about various parameters will be reported to the logging device assigned in the Remote Control Interface system. (See Modular System Operator's Manual, Section 1, The RCIF Menu System)

The logging sub-menu allows the following information to be made available for logging:

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Factory preset is nothing enabled.



This selection reveals a sub-menu that allows various functions to be set

**◀ Preset\_Unit**

Selecting this item sets all adjustment functions that include a preset facility, to their preset values. *Note that this is a momentary action and the text will not become reversed.*

**◀ Software Version**

Selecting this item reveals a display showing the version of the software fitted in the module. Select OK to return to the Setup Menu.

**◀ Serial Number**

Selecting this item reveals a display showing the serial number of the module. Select OK to return to the Setup Menu.



