ANALOG I/O

A B C

32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

ANALOG INPUTS

⏚ − +

● INACTIVE
● CTRL COM
● NORMAL / DATA
○

A B C

32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

ANALOG OUTPUTS

⏚ − +

PRE99-1361

ANALOG INPUTS CONNECTOR

32 mono or 16 stereo

Any combination of mono and stereo inputs can be used–a stereo signal's left channel is typically on an odd # row and its right channel is on the next even # row (e.g., if the left audio signal is on row 1 then the right audio signal is on row 2).

INACTIVE

When lit solid red, indicates the card has a fault. The LED will light momentarily when the card is hot-plugged, or the frame is powered up, as it loads its operating code.

CONTROLLER COMM

This yellow LED blinks to indicate communications with the card frame's Controller Card.

NORMAL / DATA

A solid green LED indicates the card is powered up and operating normally. The LED blinks when data is going to/from its host Hub Card.

ANALOG OUTPUTS CONNECTOR

32 mono or 16 stereo

Any combination of mono and stereo outputs can be used–stereo outputs are always on adjacent rows (e.g., the signal's left channel is on the odd # row and the right channel is on the next even # row (e.g., if Left is on row 11, then Right will be on row 12).

INSTALLATION INFORMATION

This card can be hot-plugged into any **Facet A** or **Facet B** slot in any VistaMax card frame. All audio inputs and outputs are balanced, +4 dBu (nominal).
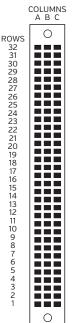
The top connector is for analog audio inputs (up to 32 mono or 16 stereo). The bottom connector carries the analog audio outputs (up to 32 mono or 16 stereo).

The card has no user switches or adjustments. All input and output settings, like mode (mono or stereo), function (whether a line or a mic signal), level gain/trim (set in .5 dB steps up to +15.5 dB gain or -16 dB of trim on any input or output) are set using the VMCC app (VistaMax Control Center) .

Refer to the card frame manual (75-52 VistaMax, 75-55 Envoy, or 75-57 VMConnect) for details on card settings, on how the audio inputs and outputs are incorporated into a VistaMax Audio Management System, and for the card specifications.

CONNECTOR SIGNALS

View, contact insertion end of the 96-pin Euro Card connector housing.

COLUMNS
A B C

ROWS
32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

SIGNALS, BY COLUMN:
A = CHASSIS GROUND
B = BALANCED SIGNAL LOW (-)
C = BALANCED SIGNAL HIGH (+)

SIGNALS, BY ROW:
ROW # = SIGNAL PAIR
STEREO SIGNALS MUST USE ODD # FOR LEFT
& NEXT EVEN # FOR RIGHT
EACH CONNECTOR CAN CARRY 32 MONO SIGNALS OR
16 STEREO SIGNALS (OR A MIX OF MONO AND STEREO)

INPUTS GO TO THE TOP CONNECTOR
(E.G., INPUT 1 LEFT = PINS 1A, 1B, 1C
INPUT 1 RIGHT = PINS 2A, 2B, 2C)

OUTPUTS COME FROM THE BOTTOM CONNECTOR
(E.G., OUTPUT 16 LEFT = PINS 31A, 31B, 31C
OUTPUT 16 RIGHT = PINS 32A, 32B, 32C)

STEREO IN/OUT SIGNALS BY ROW #S

1 LEFT = Row 1	6 LEFT = Row 11	11 LEFT = Row 21
1 RIGHT = Row 2	6 RIGHT = Row 12	11 RIGHT = Row 22
2 LEFT = Row 3	7 LEFT = Row 13	12 LEFT = Row 23
2 RIGHT = Row 4	7 RIGHT = Row 14	12 RIGHT = Row 24
3 LEFT = Row 5	8 LEFT = Row 15	13 LEFT = Row 25
3 RIGHT = Row 6	8 RIGHT = Row 16	13 RIGHT = Row 26
4 LEFT = Row 7	9 LEFT = Row 17	14 LEFT = Row 27
4 RIGHT = Row 8	9 RIGHT = Row 18	14 RIGHT = Row 28
5 LEFT = Row 9	10 LEFT = Row 19	15 LEFT = Row 29
5 RIGHT = Row 10	10 RIGHT = Row 20	15 RIGHT = Row 30
		16 LEFT = Row 31
		16 RIGHT = Row 32

The **PRE99-2201 VistaMax I/O Card Cable Harness** can be used to tie one VistaMax I/O Card to two RJ21 punch blocks, like the Krone 6639 1 051 02/01 or Siemon S66M4-2W. The cable harness length is 30 feet. See GatesAir customer doc 71-2201 for the details on this cable harness.

THIS DOCUMENT APPLIES TO PRE99-1361	TITLE INSTRUCTION SHEET, VISTAMAX ANALOG I/O CARD			
PACIFIC RESEARCH & ENGINEERING phone 1.252.638-7000 pre.com | techsupport@wheatstone.com DESIGNS BY PACIFIC RESEARCH & ENGINEERING	DRAWN RM	DATE May 26, 2015	DWG. NO. 71-1361	REV. B
	SHEET 1 OF 1	APVD.		