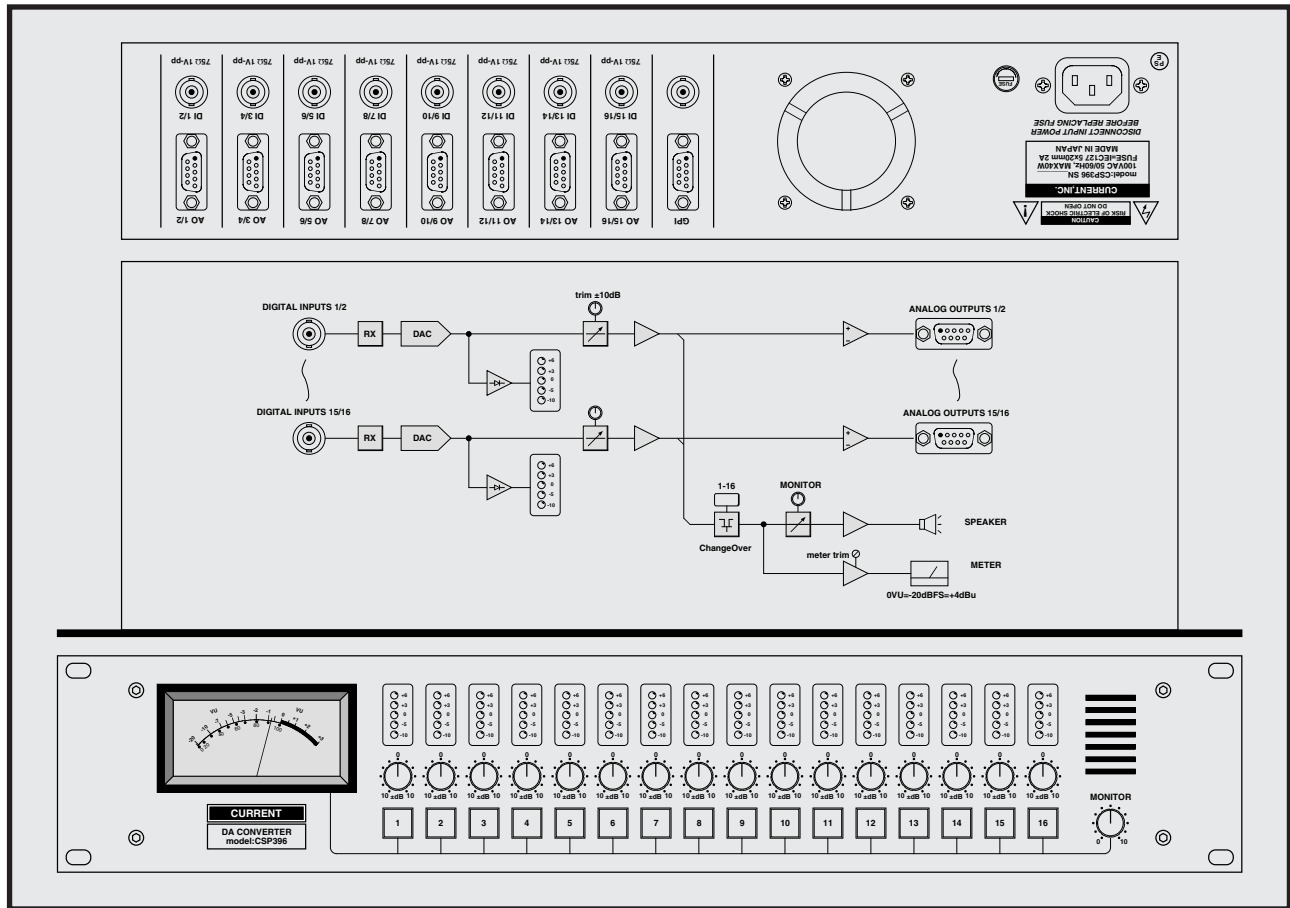


# CURRENT PRODUCTS model:CSP396

## D/A CONVERTER



16 channel D/A converter  
 24bit, 96kHz  
 Bar graph, precision VU meter  
 With  $\pm 10$ dB trim  
 Speaker monitor  
 Highest grade tip  
 19 inches 2U size

**CSP396 is 16 channel D/A converter of the 19 inches 2U size of high quality. It can monitor each 5 points of analog output by an LED meter. It allows accurate level setting by an implemented precision VU meter.**

### "Input and output"

The digital input is BNC connector. The analog output is connected at 2 channel blocks in Dsub9 pin connector.

### "Sync"

CSP396 works in sync with an applied AES signal. Fs supports 44.1, 48, 96kHz.

### "Reference level"

As for the reference level of the factory, analog output is +4dBu for -20dBFs of the AES input. It can change it in an internal trim.

### Input format

It uses only audio data in the internal circuit of CSP396 and does not depend on professional, a consumer format. In addition, it does not support emphasis.

### "Meter"

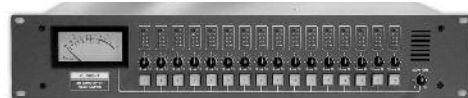
It can always monitor each output by 5 points of LED meters. In addition, the signal after the trim of  $\pm 10$ dB of the channel which it chose is sent to the VU meter and can set an accurate converter level.

### "Monitor"

It can confirm the channel which it chose with the speaker.

### "Others"

Please consider in addition in 16 channel analog-to-digital converter CSP393 considered to be it by a design for the same development concept.



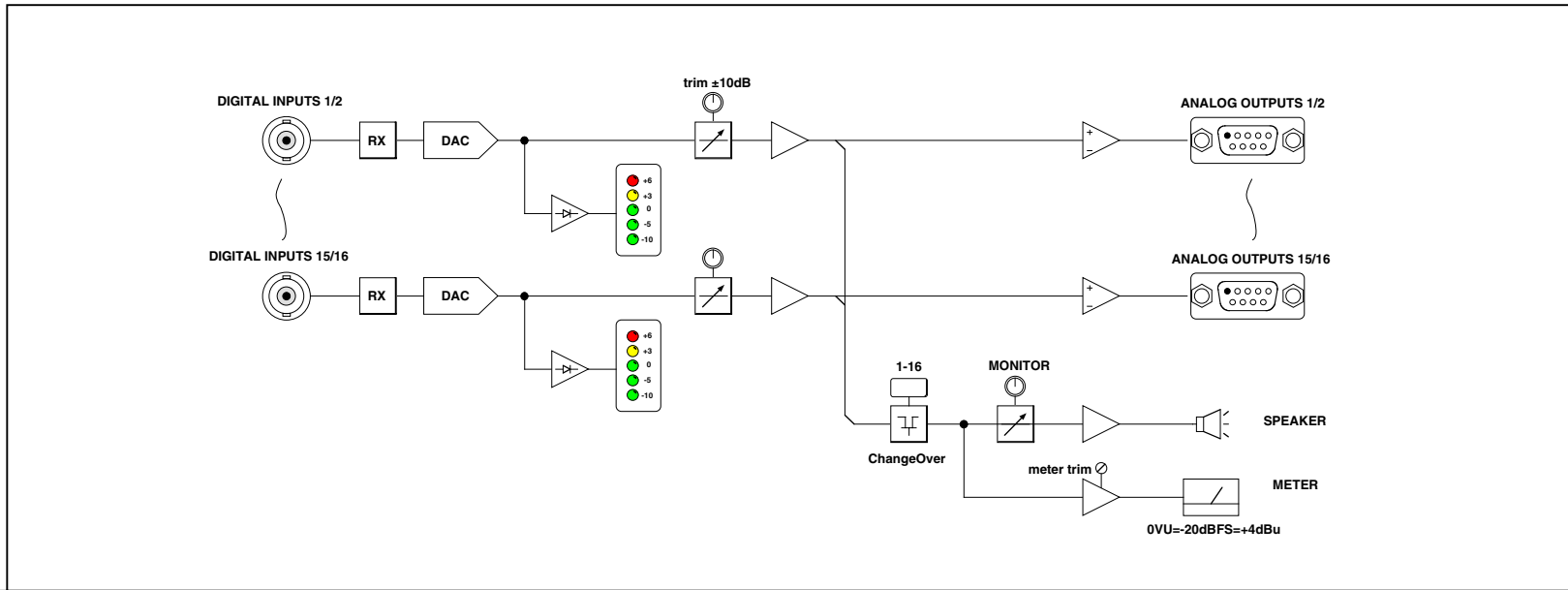
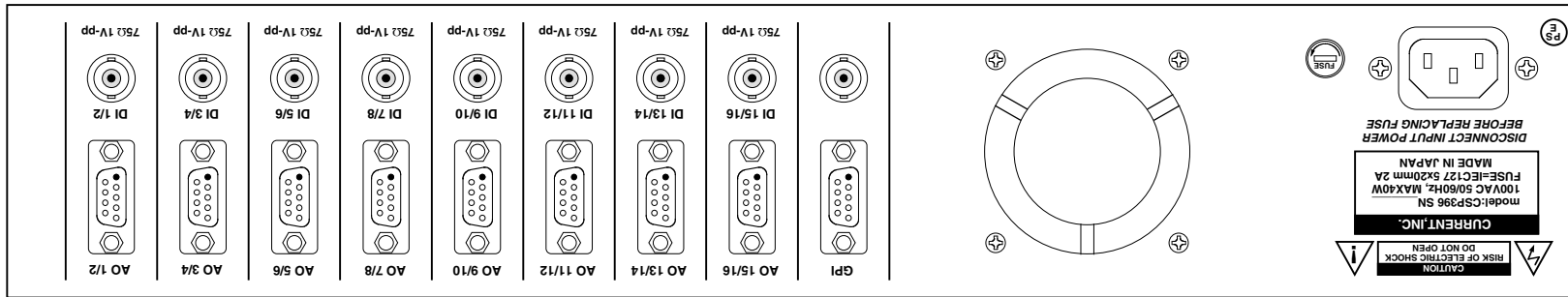
## SPECIFICATIONS

- 🍏 **DIGITAL INPUTS:** 16 UNBALANCED, 75 $\Omega$
- 🍏 **DIGITAL INPUTS REFERENCE LEVEL:** -20dBFs, MAX 0dBFs
- 🍏 **DIGITAL INPUTS CONNECTOR:** BNC
- 🍏 **ANALOG OUTPUTS:** 16, BALANCED, 50 $\Omega$
- 🍏 **ANALOG OUTPUTS CONNECTOR:** Dsub9-M(#4-40)
- 🍏 **ANALOG OUTPUTS REFERENCE LEVEL:** +4dBu, MAX +24dBu
- 🍏 **CONTROL:**  $\pm 10$ dB REFERENCE LEVEL (FRONT PANEL)
- 🍏 **Resolution:** 24 bits 🍏 **Sample Rate:** 32-96kHz
- 🍏 **FREQUENCY RESPONSE:** 20Hz-20kHz  $\pm 0.1$ dB
- 🍏 **THD:** < 0.01% at 1kHz REFERENCE LEVEL 🍏 **NOISE:** < -90dB
- 🍏 **MAINS:** 100VAC 50/60Hz 40W(MAX)
- 🍏 **DIMENSIONS:** 482Wx88Hx303D 6kg

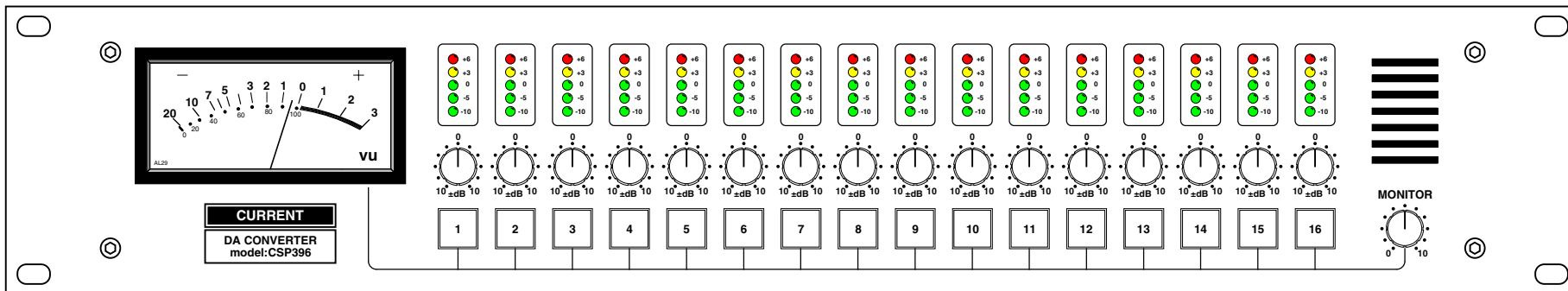
16ch DA	CSP396	¥1,320,000
accessory : AC cable		

The specifications are subject to change without notice.  
 2-26-11 AKATSUTSUMI, SETAGAYA-KU, TOKYO, 156-0044 JAPAN

MONITOR SYSTEM  
 HEADPHONES AMP  
 CUE SYSTEM  
 COMMUNICATION  
 TB, COUGH SYSTEM  
 MATRIX AMP  
 AUDIO ROUTER  
 AUDIO VIDEO  
 SWITCHER  
 SYSTEM SWITCHER  
 EMERGENCY  
 AUDIO VIDEO  
 DISTRIBUTOR  
 METER SYSTEM  
 ANALOG, DIGITAL  
 PREAMP MIXER  
 LEVEL UNIT  
 DIGITAL AUDIO  
 FADER UNIT  
 AUTO FADER  
 TALLY FADER  
 CLOCK TIMER  
 EVENT SYSTEM  
 SPECIAL PRODUCTS  
 ETC.



302.6



88.0

482.0

(c)CURRENT,INC.	CSP396 D/A CONVERTER	Dec.2014
H.ICHIHASHI	PANEL DIAGRAM	CSP396-D2014

## CSP396 "Analog Outputs" Connector Pin List (D9-M #4-40)

Ribbon	Hard	Signal name	Designation	Active
1	1	1+	ANALOG OUTPUT 1+	
2	6	1-	ANALOG OUTPUT 1-	
3	2	1G	ANALOG OUTPUT 1 GND	
4	7	2+	ANALOG OUTPUT 2+	
5	3	2-	ANALOG OUTPUT 2-	
6	8	2G	ANALOG OUTPUT 2 GND	
7	4			
8	9			
9	5			

AI 1/2, AI 3/4, AI 5/6, AI 7/8, AI 9/10, AI 11/12, AI 13/14, AI15/16の各コネクタは  
全て同じピン配です。

注意！ Dサブコネクタの接続はHARDピン番号で接続してください。取付は#4 - 40インチビスです。

**CAUTION! D-Connector for wiring refer toHard pin number Description. Mounting screw for D-connector use #4-40 size.**