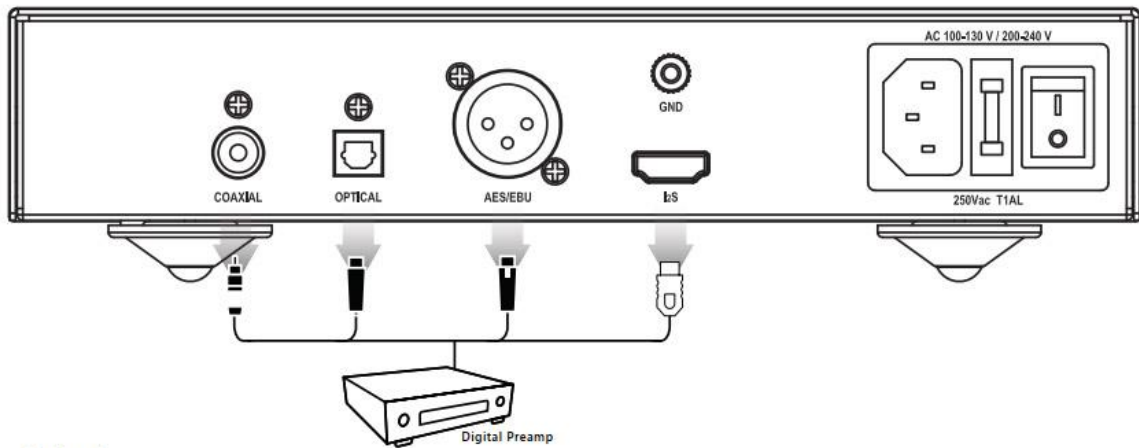# Connect CDT-8 to SMSL M400 DAC (with PSAudio I2S Interface)

Pin Output of I2S on CDT-8 Pro:

NUPRiME
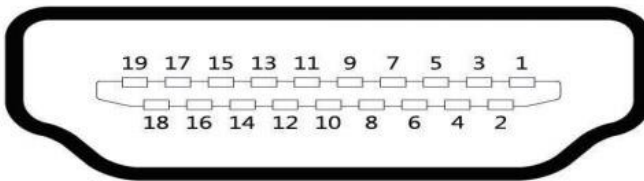
Rear Panel View:

COAXIAL   OPTICAL   AES/EBU   GND   I2S   AC 100-130 V / 200-240 V   250Vac T1AL

Digital Preamp

Outputs:

1. Coaxial Output
2. Optical Output

3. AES / EBU Balance Output
4. HDMI I2S Output

I2S PIN Define:

19 17 15 13 11 9 7 5 3 1
18 16 14 12 10 8 6 4 2

PIN 1: I2S_DATA-
PIN 2: GND
PIN 3: I2S_DATA+
PIN 4: I2S_BCK+
PIN 5: GND
PIN 6: I2S_BCK-
PIN 7: I2S_LRCK-
PIN 8: GND
PIN 9: I2S_LRCK+

PIN 10: I2S_MCK+
PIN 11: GND
PIN 12: I2S_MCK-
PIN 13: NC
PIN 14: DSD ON
PIN 15: NC
PIN 16: NC
PIN 17: GND
PIN 18: NC
PIN 19: NC

Beyond Ordinary

6. I²S MODE

- NORMAL
- INVERTED
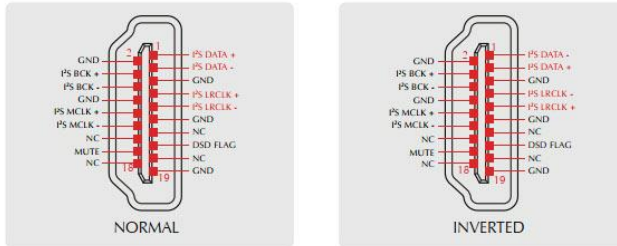
GND		I²S DATA +		GND		I²S DATA -

NORMAL   INVERTED
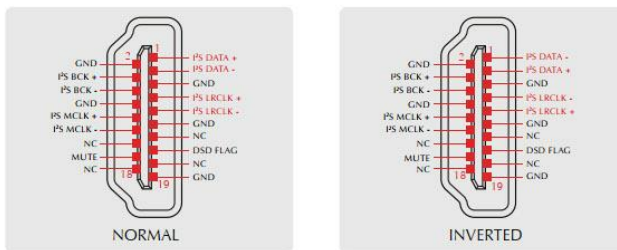
Note: This option is used to match different I²S interface standards, please check the interface definition of the signal source before use

20

7. I²S DSD CHANNEL

- DSDL=PCM DATA (The DSD left channel using the PCM DATA pin)
- DSDL=PCM LRCK (The DSD left channel using the PCM LRCK pin)

NORMAL   INVERTED

Note: This option is used to match different I²S interface standards, please check the interface definition of the signal source before use

8. I²S DSD FLAG

- DSD FLAG=PIN15
- DSD FLAG=PIN14

DSD FLAG 15   DSD FLAG 14

Configuration of PSAudio DAC is following:

6) I2S MODE: Inverted

7) DSD Channel: pls check which one is working

8) I2S DSD FLAG: Pin 14