

DNA 20 Digital Network Amplification



NETWORKING meets **POWER**

The **DNA Series** from XTA

 Dante™

www.xta.co.uk



DNA 20 Digital Network Amplification

Networking meets Power. Flexibility meets Quality.

Now you don't have to choose between the highest quality amplification, and digital audio networking convenience. Or between incredible power and the ability to work within analogue or digital systems. You can have it all.

The DNA Series offers the assurance of XTA's highest quality audio power amp technology with future proofing via the inclusion of simple to use digital audio networking*.

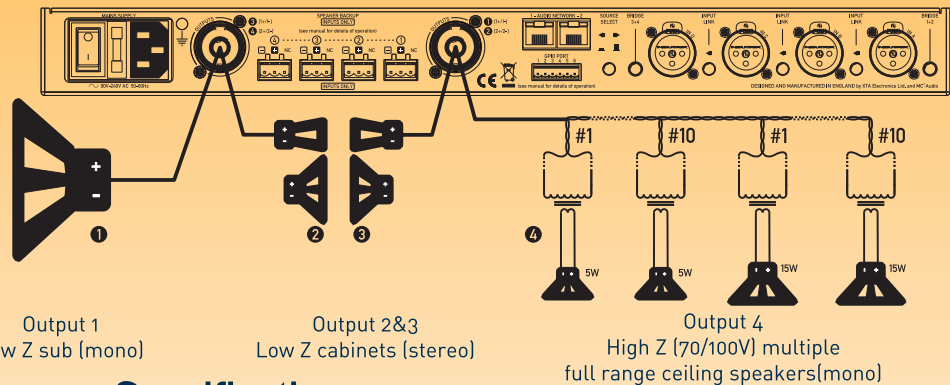
Fast rear panel switching allows the amplifier to accept either four channels of analogue audio or pick up four channels of networked audio, via Dante, which is then converted using 24 bit 96kHz DACs.

Connect to an DPA amplifier using a single CAT5 cable to realise a stereo 4 way system with no further external processing required. Switch back to analogue to use as a powerful traditional quad channel amplifier. Run bridged channel pairs or link adjacent inputs for total flexibility in either analogue or digital mode.



Within this 1U chassis, the DNA20 also features individual 70/100V line drive*, an auto-standby power mode (with near-instant wake-up at < 200mS), tuneable fans adaptable to different level/performance scenarios, and GPIO for remote control and monitoring. The amplifier also supports the back-up amplifier inputs as on the DNA40, and has a PFC enabled universal mains supply for worldwide use.

Example Application



Summary Specifications

Output Power (per channel)**:

8 ohms: 175W
 4 ohms: 350W
 2.7 ohms: 480W
 2 ohms: 360W
 50 ohms: 200W* (70/100V line output)

Output Power (bridged):

8 ohms: 700W
 4 ohms: 650W

THD: (@1dB below maximum output power)

@ 1kHz < 0.01%
 @ 20Hz to 20kHz < 0.02%

Gain / Sensitivity:

Gain 26dB
 Sensitivity (for maximum power)
 +8.3dBu (2.0V)

Frequency Response:

20Hz to 20kHz (±0.3dB)

Power Consumption:

Mains voltage 90-260VAC 50-60Hz
 Mains current 0.65A nominal (240V)

System:

GPIO control of standby state, monitoring of power OK and amplifier ON states.
 Auto-standby after signal < -60dB, wake-up in < 1S from standby.

Dimensions:

Amplifier
 (1U) (mm) 44(h) x 482(w) x 458(d)
 Boxed (shipping size - UK) 100 x 590 x 580
 (Single boxed)

Weight:

5.1kg (11.2lbs), Boxed (shipping weight) 5.9kg (13.0lbs)

*70/100V line output transformers factory fit option.

**Powers measured for continuous music with Crest Factor of 4.8 (14dB)

