

2DXV Series

300
500


BITTNER



Power. Sound. Efficiency.

Take one get more. The 2DXV500 and 2DXV300 amplifiers are powerful, universal, ultra-compact tools for the most demanding applications. Designed and manufactured for the comfort of entertainment and information. And highest safety requirements.

Switchable 100/70 volts direct outputs, stereo or mono:

- 2x300 W at 100 or 70 V (2DXV300)
- 2x500 W at 100 or 70 V (2DXV500)
- 1x600 W at 100 or 70 V or 8 ohms (2DXV300)
- 1x1000 W at 100 or 70 V or 8 ohms (2DXV500)

Combined with a backup power supply of 24 V DC.

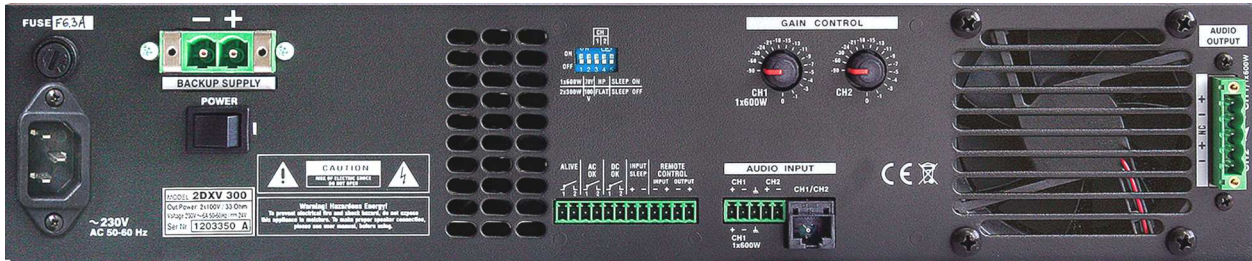
Bittner 2DXV – When Sound Matters!

- Class D
- 100/70 volts direct output (switchable)
- 24 volts backup power
- Full continuous output power even during battery operation
- High power, high efficiency SMPS
- Efficiency > 80%
- Sleep Mode
- 70 Hz high pass filter, switchable
- Analog volume controls (at the back)
- Sequential remote power On/Off
- Alive contact
- DC and AC power-fail signalization
- LED indicators for POWER, SIGNAL, CLIP, PROTECT, AC POWER, DC POWER, SLEEP as well as MONO MODE
- Protection circuits for DC, LF, HF, Thermal, Short Circuit, Current Limiter
- Temperature controlled, variable speed, low noise fans
- Softstart
- Weight 13 kg
- Depth of chassis only 30 cm
- 3 years warranty

All Specifications Subject to Change Without Notice. Errors and omissions excepted.

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2DXV Series



2DXV300 rear panel

Connectors and Controls of the rear panel

- Audio InputsPHOENIX connector or RJ-45 for channels 1+2
- 100/70 V Loudspeaker OutputsScrewable 5-pin PHOENIX connector
- Volume Controls.....2 potentiometers with 16 steps each:
-90, -60, -30, -24, -21, -18, -15, -13, -11, -9, -7, -5, -4, -3, -1, 0 dB
- Remote Power On.....Mode 1: Contacts 9 to 12 of a 12-pin PHOENIX connector. +12 V switches the amp on, -12 V switches it off. The incoming voltage is forwarded to the next amp after a delay to create a daisy chain
Mode 2: Pin 6, 7 and 8 of a RJ-45: 0V switches the amp on, +24V switches it off.
- Alive Contacts.....3 alive contacts: Amplifier, AC, DC each.
2-pin contact, normally open
- Alive OutputOpen collector 24V, pin 3 and 6 of a RJ-45 connector
- Sleep Mode Control InputContacts 7 to 8 of a 12-pin PHOENIX connector.
+12 V DC switches Sleep Mode on
- DIP Switch Panel 2DXVSwitch 1: Switches between mono and stereo mode
Switch 2: Switches between 70 V and 100 V;
With Switch 2 at "70 V" and Switch 1 at „mono mode“ 8 ohms applications are possible
Switch 3: Activates the high pass filter for channel 1
Switch 4: Activates the high pass filter for channel 2
Switch 5: Activates the Sleep Mode
- 24 Volts Emergency PS2-pin PHOENIX connector
- PowerPower switch, pluggable mains cord, fuse