

# XR Series

1500  
2000  
2500  
4000

**BITTNER**  
AUDIO

## Intelligent Power

Fixed Installations  
Touring  
Cinema & Live Theaters  
Signal Processing



### New Horizons:

A lightweight with enormous power output. Combined with digital signal processing. That's what we call flexibility! Locally controlled or completely networked. No matter what the requirements are.

The integrated powerful digital signal processor (DSP) and controller allows for a troublefree and easy adjustment to any acoustical environment.

Wear-free digital potentiometers, sequential remote power on, alive contacts for easy supervision, computer controlled monitoring - its endless list of useful features make it the right choice for any installation.

XR - the new definition of Intelligent Power.

### Easy Connection

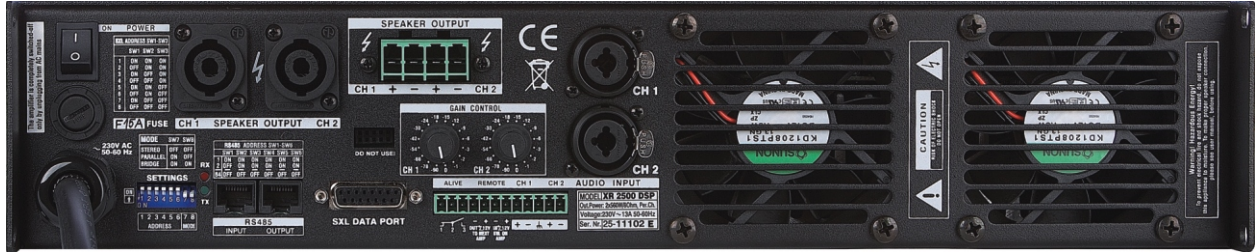


The NA-1 USB to RS-485 converter allows control and monitoring of Bittner XR

amplifiers with Bittner's DSP Software by a PC. No additional driver is needed. Galvanic isolation between the amplifiers and the PC provides potential-free signal transduction.

- High Tech SMT Design
- Digital Signal Processor
- Excellent sound and superior impulse response
- Protection Circuits: DC, LF, HF, Thermal, Short Circuit, Current Limiter, 3 ms Muting Delay
- PHOENIX/Speakon
- High-End Switched Power Supply with Power Factor Correction
- LED Indicators for SIGNAL, CLIP, PROTECT, POWER
- Temperature controlled, variable speed low noise fans
- Digital wear-free Volume Controls (can be operated manually)
- Stereo/Bridged/Parallel Mode
- Softstart
- Sequential Remote Power On
- Alive Contact
- Paging Input
- Monitor Output
- SXL Dataport
- Perfect Weight-to-Power ratio
- 3 Years Warranty

# XR Series



## Connectors and Controls of the rear panel

- Audio Inputs .....XLR with 1/4" mono jack (Neutrik Combo)  
Contact 8 to 12 of a 12-pin PHOENIX connector
- Loudspeaker Outputs.....SPEAKON and high current 4-pin PHOENIX connector
- Alive Contacts.....Contact 1 to 3 of a 12-pin PHOENIX connector. Function can be used as open or closed contact.
- Volume Controls.....2 digital potentiometers with 16 steps each:  
-90, -78, -66, -54, -42, -30, -24, -18, -15, -12, -9, -6, -3, -2, -1, 0 dB
- Remote Power On.....Contact 4 to 7 of a 12-pin PHOENIX connector. +12V switches the amp on, -12V switches it off. The incoming voltage is forwarded to the next amp after a delay to create a daisy chain.
- DIP Switch with 8 switches.....Switch 1 to 3: Sets the address of amp if connected to an SXL.  
Switch 1 to 6: Sets the address of amp if connected to RS485.  
Switch 7 to 8 set the mode of amplifier channels: STEREO, PARALLEL or BRIDGED
- SXL Dataport.....15-pin Sub-D Connector
- DSP Dataport .....RS-485, 2 RJ-45 jacks (8-pin) paralleled  
2 LEDs Rx and Tx
- Power .....Power switch, 230 V cord, fuse

## DECLARATION OF CONFORMITY

We declare that this product is in accordance with EMC regulation 89/336/EEC and meets the requirements of the product norm EN-55013 (emission), and EN-55020 (immision).

All Specifications Subject to Change Without Notice  
All Specs under [www.bittner-audio.com](http://www.bittner-audio.com)