



# Corvus

Audiophile mono slave amplifier combined with broadcast standard stereo subwoofer control for the most outstanding surround systems.

The Corvus is two products in one chassis: an intelligent mono slave amplifier and a studio quality stereo subwoofer controller. The slave amplifier section of the Corvus has exactly the same topology as one half of the Tucana and the Hydra and is therefore perfect for driving the centre channel in a multi-channel system of uncompromised audiophile quality.

The groundbreaking mono design uses three heavy-duty toroidal power transformers, one for the power amplifier, one for the sub controller, and one for the central processing unit (CPU). This coupled with a refined bi-polar output stage, which can swing over fifty amps of current, ensures a vice-like grip and precise control of even the most esoteric centre channel loudspeaker.

The other side of the Corvus is a studio quality, comprehensive subwoofer control system. This section offers bass extraction, trim, filtering and phase control of mono, or uniquely: stereo subwoofers, in both multi-channel and stereo systems.



## Other products in Constellation Series



Antila



Tucana



Hydra

# Corvus



Once set up, the Corvus takes its commands from the Tucana via LIPS®. The input selection and volume controls tracks that of the controlling amplifier with the level indicated by the sophisticated volume display.

## Technical Details – Amplifier Section

Frequency Response +/- 3 dB @ 1 W	5 Hz – 80 kHz
Output Power into 8 Ω	148 W RMS per channel
Output Power into 4 Ω	285 W RMS per channel
Minimum load impedance	2 Ω
Output Current	Greater than +/- 50 A
Noise (A weighted, minimum volume)	-100 dBm
Signal to Noise ratio (A weighted, ref: 285 W RMS, 4 Ω)	-104 dB
T.H.D. (10 W RMS, 4 Ω, 1 kHz)	0.004%
T.H.D. (Max output before clipping, 4 Ω, 1 kHz)	0.004%
Maximum DC offset	+/- 15 mV
Sensitivity for maximum output (CD input)	565 mV RMS
Sensitivity for maximum outputs (other inputs)	311 mV RMS
Output Impedance	0.057 Ω

## Bass Management Section

Bass extraction	True stereo bass extraction allowing 2.1, 2.2, 5.1, 5.2 etc. up to 7.2
Filter frequencies	30 Hz – 200 Hz
Filter slopes	1st, 2nd, 3rd and 4th order
Phase	0–180 degrees, variable

## General

Dimensions (W x H x D)	440 x 110 x 320mm
Weight	16 kg

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