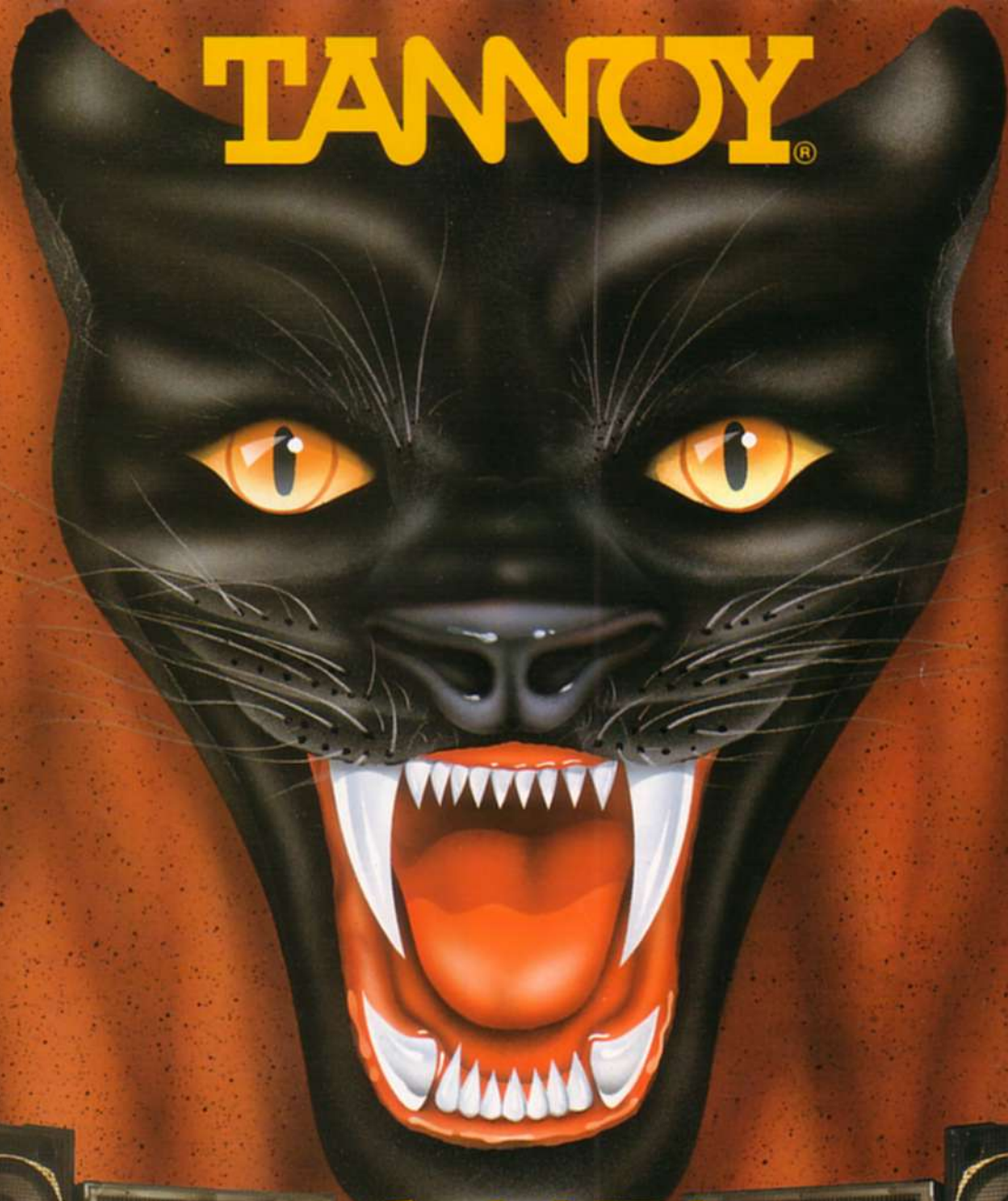
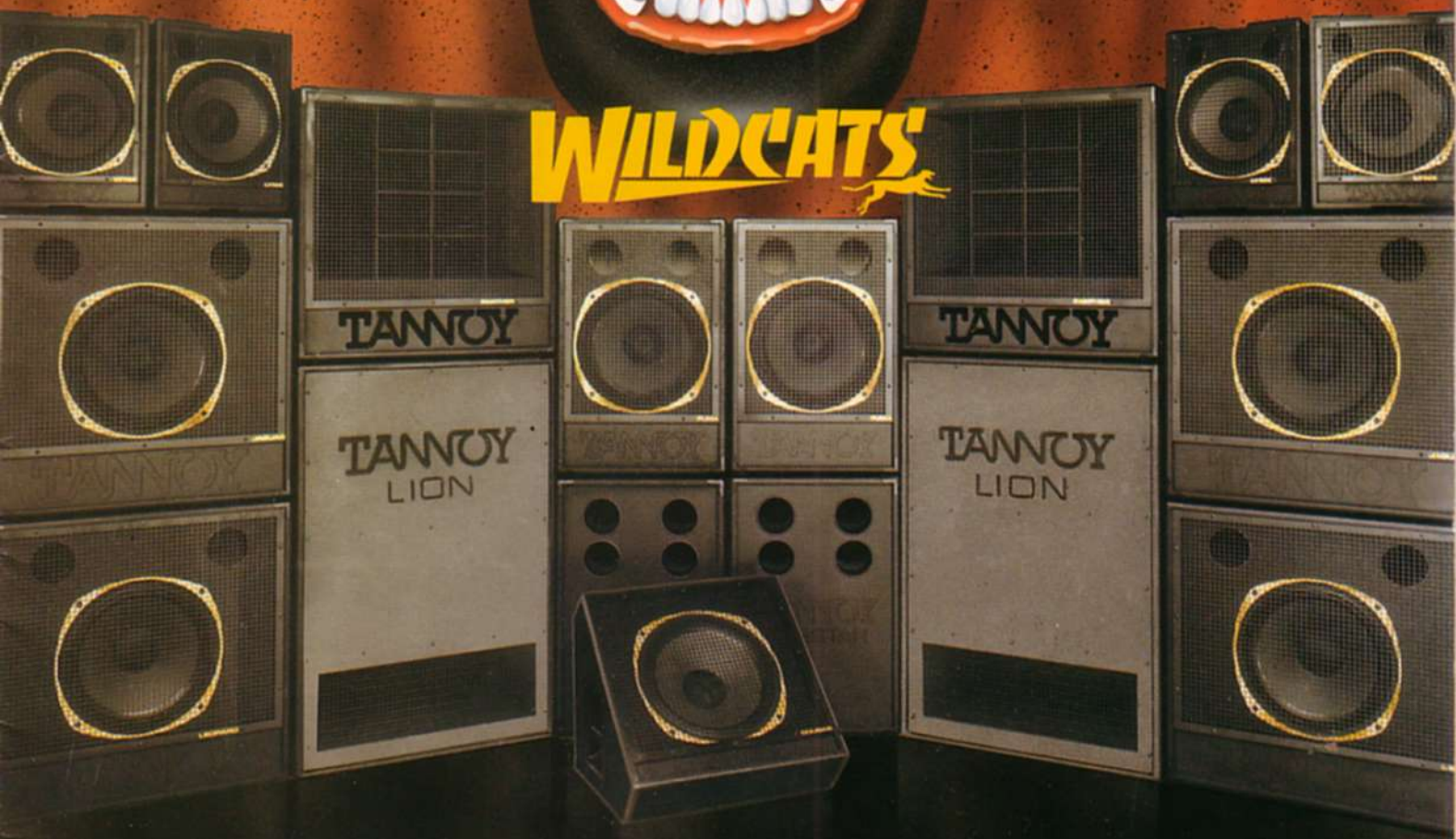


TANNOY®



WILDCATS



WILDCATS



Tannoy Wildcats are a truly modular P.A. system which can be easily configured to suit different venues and applications.

The heart of the system is the Tannoy dual concentric drive unit – a unique “Two in One” transducer that eliminates many distortions inherent in conventional loudspeaker designs, ensuring a smoothly dynamic result; a genuine High Fidelity P.A. Rig. Tannoy dual concentrics have been used in professional applications for many years, from heavy rock bands to country & western, from broadcast to music recording studios.

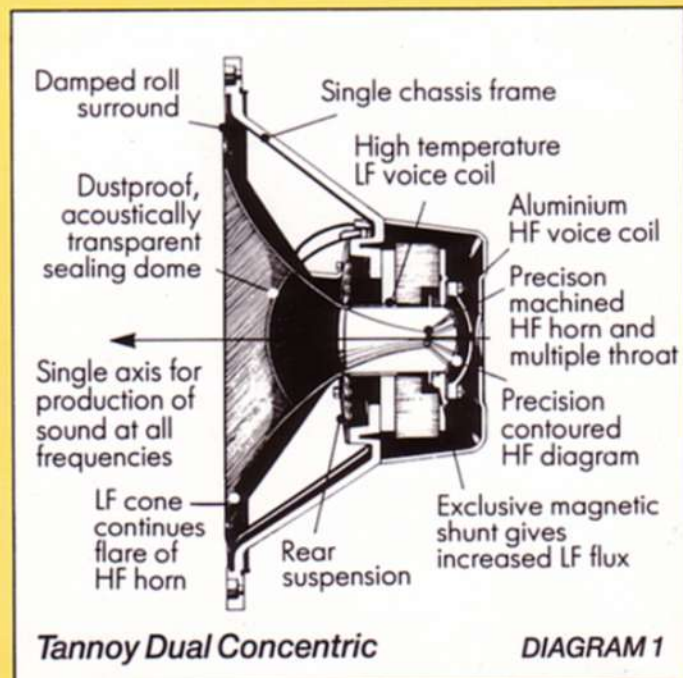
In order to meet the demanding conditions of road use, the cabinets are manufactured using water and boil proof Finnish birch plywood surrounds and baffles constructed with MDF, a high impact-resistant material. To further shrug off the knocks of road life, specially tooled interlocking steel corner plates are fitted along with rugged metal carrying handles.

THE SOUND ADVANTAGE...

The Tannoy Dual Concentric looks like a single speaker, but is in fact a direct radiator bass unit and a separate high frequency compression driver within the same chassis.

Apart from the obvious space saving advantages of this design, the dual concentric is a virtual single sound source speaker that reduces time smear distortion and provides a smoother frequency response, especially at the crossover point.

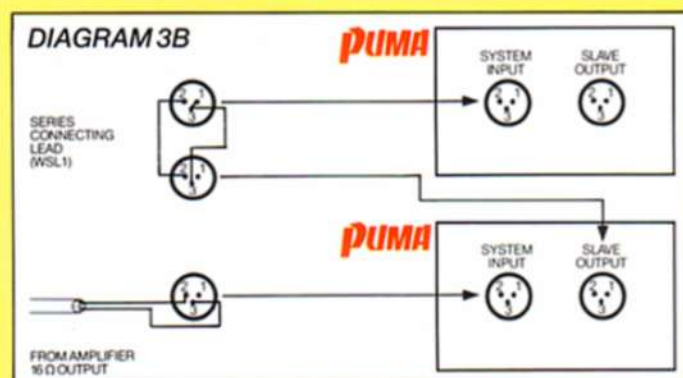
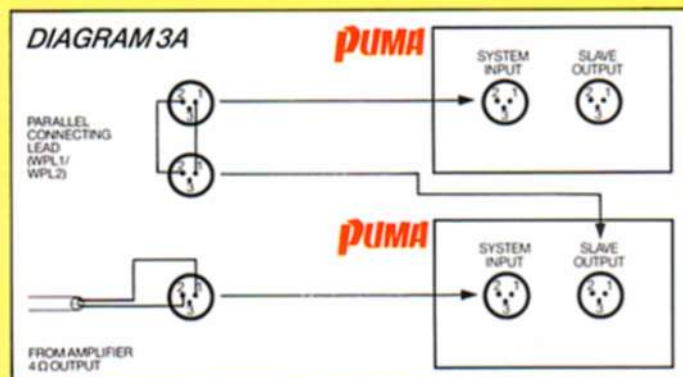
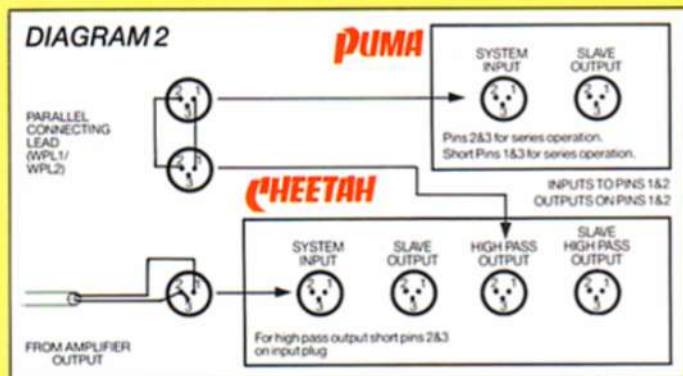
The Tannoy dual concentric's controlled dispersion also enables you to ‘tailor’ the sound coverage to suit your particular audience or venue. Combine this feature with the smooth frequency response and the dual concentric obviously provides higher sound levels with less chance of feedback.



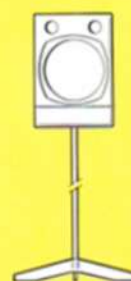
Tannoy are world leaders in this design, having produced more dual concentric loudspeakers than any other manufacturer. High power handling and reliability are ensured by black chrome plated magnet plates for greater heat dissipation from the high temperature voice coils.

...THAT GROWS WITH YOU

As well as innovative design and construction, the Wildcats feature a unique system that allows rapid, easy interconnection. By incorporating a passive crossover within the bass bins and providing a mid/high frequency take off point, other Wildcat loudspeakers can be used in conjunction with them by using a single connecting lead (see diagram 2). With interconnecting made possible for both series and parallel operation, combinations of Wildcat loudspeakers can easily build into a rig to suit your exact requirements. (see diagrams 3A & 3B).

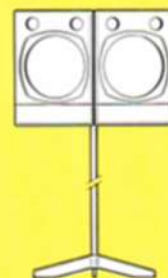
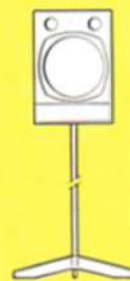


Here are some example combinations of Wildcat loudspeakers that show the flexibility of the system.



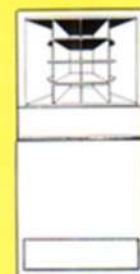
LYNX (AS STEREO SYSTEM)

POWER HANDLING $2 \times 200\text{W}$ PROG. (1)
FREQUENCY RANGE 60Hz – 20kHz
PEAK SPL 120db
NOMINAL IMPEDANCE $2 \times 8 \Omega$



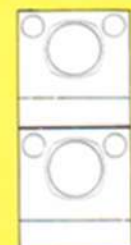
LYNX (LINKED)

POWER HANDLING 400W PROG. (1)
FREQUENCY RANGE 50Hz – 20kHz
PEAK SPL 122db
NOMINAL IMPEDANCE 4Ω



PANTHER + LION

POWER HANDLING (48-90Hz) 300W PROG.
POWER HANDLING (90Hz-20kHz) 200W PROG. (1)
FREQUENCY RANGE 48Hz – 20kHz.
PEAK SPL (48-100Hz) 127db
PEAK SPL (100Hz-20kHz) 126db
NOMINAL IMPEDANCE 8Ω



JAGUAR + LEOPARD

POWER HANDLING (35Hz-500Hz) 400W PROG.
POWER HANDLING (500Hz-20kHz) 300W PROG. (1)
FREQUENCY RANGE 35Hz – 20kHz.
PEAK SPL 120db
NOMINAL IMPEDANCE 8Ω



PUMA + CHEETAH

POWER HANDLING (40Hz-100Hz) 400W PROG.
POWER HANDLING (100Hz-20kHz) 300W PROG. (1)
FREQUENCY RANGE 40Hz – 20kHz.
PEAK SPL (40Hz-100Hz) 121db
PEAK SPL (100Hz-20kHz) 120db
NOMINAL IMPEDANCE 8Ω

NOTE (1) Above high pass crossover frequency power is 3db less.



DECATS'



PUMA

Our little powerhouse, the Puma, packs the punch of the Tannoy 15" dual concentric within a remarkably compact cabinet. A high power system, the Puma is capable of producing the high sound pressure levels required for discotheques, yet with the smoothness and accuracy of sound normally associated with our Studio Monitors. The live performer will also benefit from the outstanding dynamic characteristics. The Puma is a compact and portable system recommended for clubs and cabaret, but with a variety of other applications.



PANTHER

A powerful, yet compact, front loaded horn system that is made possible by the unique Tannoy dual concentric construction. Designed for



with limited space but requiring the bite of extra low frequency.

LEOPARD

A specially designed 15" bass drive unit, using a 3" voice coil, housed within a rigidly constructed cabinet. Unlike many bass bins the Tannoy Leopard has its own internal passive crossover which channels frequencies below 500Hz to its own loudspeaker while frequencies above 500Hz are made available at external sockets to drive other loudspeakers. Tannoy Leopards used in conjunction with other Wildcat Loudspeakers can therefore provide a system with excellent performance without the need for external electronic crossovers, although the connections are sufficiently versatile to allow simple biampification.



LION

A large bass system, similar in concept to the Cheetah. The Lion, however, has a 300 litre enclosure with very high (103db) sensitivity and combines with the Panther to produce a full frequency range system capable of delivering enormous sound pressure levels from a single comparatively modest amplifier.



applications where a long throw is required, the Panther is a highly efficient loudspeaker that will produce astoundingly high sound levels from relatively low power amplifiers.

CHEETAH

An innovative dual cavity bass system designed to provide efficiency over a carefully controlled low frequency band. As with the Leopard, the Cheetah incorporates the uniquely integrated passive crossover network allowing easy connection to other Wildcat systems. Larger systems can, therefore, be built without the need for complicated external electronics or additional numbers of amplifiers. The Cheetah, when added to a Puma or Lynx, provides a compact, wide bandwidth quality P.A. system.



COUGAR

A stage wedge monitor with a controlled response for lack of feedback problems. The unique dual concentric design permits a 15" low frequency driver and a 15" high frequency horn to be integrated within the same chassis. This not only ensures a compact system but also a clean response not found with the majority of stage monitors. Where a performer's priority is quality, the Cougar is the answer.



SPECIFICATIONS

WILDCATS	1/2 LYNX	LYNX	PUMA	JAGUAR	PANTHER	LEOPARD	CHEETAH	LION	COUGAR
Power Handling Programme*	200W	400W	300W	300W	200W	400W	400W	300W	300W
Power Handling RMS (1)	100W	200W	150W	150W	100W	200W	200W	150W	150W
Frequency Range +3dB/-6dB	60Hz-20kHz (2)	50Hz-20kHz (2)	50Hz-20kHz (2)	35Hz-20kHz (2)	80Hz-20kHz (2)	35Hz-500Hz	40Hz-110Hz	48Hz-90Hz	100Hz-20kHz (2)
Sensitivity (3)	94dB	96dB	95dB	94dB	103dB	94dB	95dB	103dB	98dB
Impedance (Nominal)	8 Ω	4 Ω	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω
Impedance (Minimum)	6.5 Ω	3.2 Ω	6.2 Ω	5.8 Ω	5 Ω	6.2 Ω	6.2 Ω	6.2 Ω	5.8 Ω
Dispersion	90° Conical	115° Horizontal 90° Vertical	90° Conical	90° Conical	60° Conical	180° Conical	Omni directional	Omni directional	90° Conical
Crossover Frequency	2.2kHz	2.2kHz	1.8kHz	1.8kHz	1kHz	500Hz	100Hz	100Hz	1.8kHz
Drive Unit	12" dual concentric	2 × 12" dual concentrics	15" dual concentric	15" dual concentric	15" dual concentric	15" Bass	15" Bass	15" Bass	15" dual concentric
Internal Volume	44 litres	2 × 44 litres	104 litres	210 litres	140 litres (4)	210 litres	50L sealed 80L vented	35L sealed 270L vented	46 litres
Finish	Textured Black Paint	Textured Black Paint	Textured Black Paint	Textured Black Paint	Textured Black Paint	Textured Black Paint	Textured Black Paint	Textured Black Paint	Textured Black Paint
Protective Grille	Welded Steel, black finish	Welded Steel, black finish	Welded Steel, black finish	Welded Steel, black finish	Welded Steel, black finish	Welded Steel, black finish	No Grille	Welded Steel, black finish	Welded Steel, black finish
Connections	2 × XLR	4 × XLR	2 × XLR	2 × XLR	2 × XLR	4 × XLR	4 × XLR	4 × XLR	2 × XLR
Dimensions (H × W × D)	486 × 362 × 405/311 mm	486 × 726 × 405/311 mm	726 × 486 × 405 mm	726 × 726 × 511 mm	726 × 726 × 511 mm	726 × 726 × 511 mm	726 × 486 × 581 mm	1068 × 726 × 511 mm	465 × 560 × 432 mm
Weight	19 Kilos	38 Kilos	31 Kilos	44 Kilos	54 Kilos	44 Kilos	34 Kilos	52 Kilos	23 Kilos
Shipping Dimensions (H × W × D)		580 × 790 × 460 mm	790 × 510 × 480 mm	790 × 790 × 590 mm	790 × 790 × 590 mm	790 × 790 × 590 mm	805 × 555 × 580 mm	1145 × 780 × 580 mm	515 × 575 × 495 mm
Shipping Weight		42 Kilos	35 Kilos	50 Kilos	60 Kilos	50 Kilos	39 Kilos	60 Kilos	27 Kilos

NOTES

- (1) Measured with shaped noise signal to EIA RS426. For fundamental frequencies above that of the crossover reduce power by 3dB.
- (2) At any power up to RMS rating.
Measured 1 metre on axis in anechoic conditions using swept sine wave.
- (3) Measured in anechoic conditions at 1 metre with 1W input. Some manufacturers measure within half space conditions which can show increased sensitivity at lower frequencies.
- (4) Bass chamber volume.
* Our power handling figures are taken over the entire frequency range of the particular product. Some other manufacturers measure a restricted and often very favourable bandwidth.

Due to our policy of continuous improvement, all specifications are subject to change without notice.

Publication Part No. 6483:0143

ACCESSORIES

WPL1	0.5 metre (1.6 feet) parallel interconnecting lead with XLR plugs.
WPL2	2.0 metre (6.6 feet) parallel interconnecting lead with XLR plugs.
WSL1	2.0 metre (6.6 feet) series interconnecting lead with XLR plugs.
WA1	Adaptor boss to mount Lynx double cabinet on 1 1/2" tripod stand.
WA2	Adaptor boss to mount Lynx double cabinet on 1 3/8" tripod stand.
WTB	Tiebar extender for strapping together two Lynx double cabinets.
WTS	Adjustable height tripod stand for Lynx and Puma.
ADP1	Tripod Adaptor for 1 1/4" tripod to 1" fitting.
ADP2	Tripod Adaptor for 1 3/8" tripod to 1" fitting.

TANNOY®

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