

WILDCATS



LIVE PERFORMANCE
LOUDSPEAKERS FROM

TANNOY®

WILDCATS

LYNX

Tannoy Wildcats—The system that you asked for.

You asked for a system that adapted easily and quickly to different venues—Wildcats give you complete flexibility.

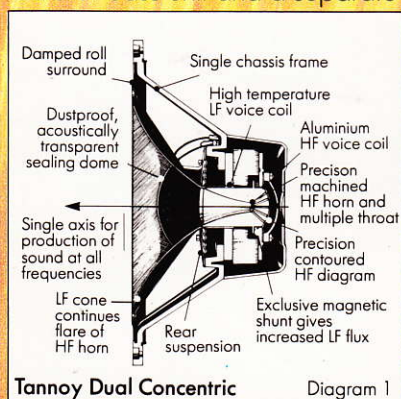
You asked for a system with 'road proof' cabinets—Wildcats are constructed from MDF, a high impact-resistant material, with protective corner plates and internal bracing to really shrug off the knocks of life on the road.

You asked for a system that sounded natural—Wildcats use the Tannoy Dual Concentric driver. A unique '2-in-One' speaker that eliminates many distortions inherent in conventional speaker designs and gives a smoothly dynamic sound. A genuine High Fidelity P.A. rig.

You asked for a system that can take high power—The Wildcats use drive units that have 'road-proven' reliability even with heavy rock bands and they regularly take the punishment of recording studio use.

THE SOUND ADVANTAGE...

The Tannoy Dual Concentric looks like a single speaker; but is in fact a direct radiator bass unit and a separate compression tweeter 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. The Wildcat system goes loud and yet also sounds good with low power amplification.

...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 Leopard bass bin and providing a mid/high frequency take off point, other Wildcat loudspeakers can be used in conjunction with the Leopard by using a single connecting lead (see diagram 2). With interconnecting leads available for both series and parallel operation, combinations of Wildcat loudspeakers can easily build into a rig to suit your exact requirements.

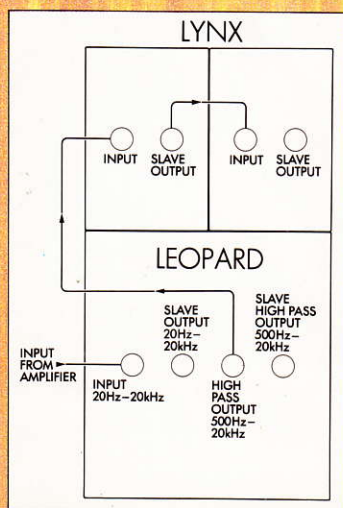
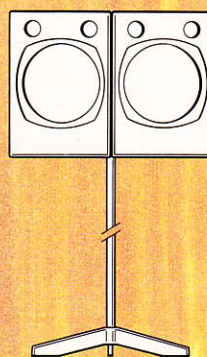


Diagram 2

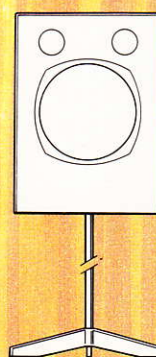
Here are some example combinations of Wildcat loudspeakers that show how flexible the system is.



½ Lynx (separated)
Nominal impedance 8Ω
Power handling 200W Programme 100W RMS
Frequency response 50Hz-20kHz
Peak SPL 115dB for 200W peak input



One Lynx (linked together)
Nominal impedance 4Ω
Power handling 400W Programme 200W RMS
Frequency response 50Hz-20kHz
Peak SPL 121dB for 400W peak input



The heart of the Tannoy Wildcats, Lynx is a double cabinet system with a 12" Tannoy Dual Concentric and passive cross-over in each cabinet. The unique design of the Lynx cabinet and its linking mechanism enables the Lynx to be used separately as a stereo system, or linked together to make a powerful loudspeaker with two 12" bass drivers and two HF compression drivers. For complete protection in transit each half of the Lynx can be fixed together face-to-face.

The superb flexibility of the Tannoy Lynx makes this the ideal loudspeaker for the performer in smaller venues and for audio-visual use.

JAGUAR

The same dynamics and power as the Puma—with which it shares the same 15" version of the Tannoy Dual Concentric—are available in the Jaguar, along with extended bass response offered by the increased cabinet size. Where you require the bite of extra bass; but with limited space available the Jaguar has to be first choice.

LEOPARD

A special high power 15" bass driver within a rigidly constructed cabinet.

Unlike other bass bins the Tannoy Leopard has its own internal crossover through which frequencies below 500Hz are supplied to the bass driver, while frequencies above 500Hz are made available at external sockets to drive other loudspeakers. Tannoy Leopards used in conjunction with other Wildcat loudspeakers provide a system with stupendous performance without the need for electronic crossovers, although the system can also be bi-amped by simply altering the connections on the Leopard.



PUMA

Our little powerhouse, the Puma, packs the punch of the 15" Tannoy Dual Concentric into a remarkably compact cabinet. A high power loudspeaker, the Puma is capable of producing the high sound levels necessary for disco use yet with a smoothness and accuracy of sound previously unknown in this type of application. The live performer will also appreciate the improvement in his presentation offered by the outstanding dynamic characteristics of the Puma.



PANTHER

A powerful yet compact horn loaded loudspeaker, that is made possible by the unique Tannoy Dual Concentric 2 speakers-in-one driver. With conventional separate tweeter and bass units, a horn loaded cabinet would have to be very much larger. The Panther is a highly efficient loudspeaker that will produce very high sound levels from some surprisingly low powered amplifiers and will give added presence to any performance.



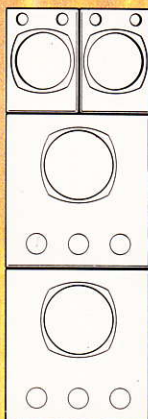
COUGAR

The stage wedge monitor that all performers need. The compact Tannoy Dual Concentric driver gives real dynamics with full frequency response and the punch of a 15" bass unit. All this within a modestly sized cabinet that fits unobtrusively into any stage setting.

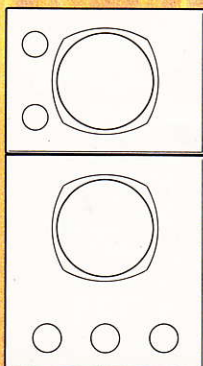


em is.

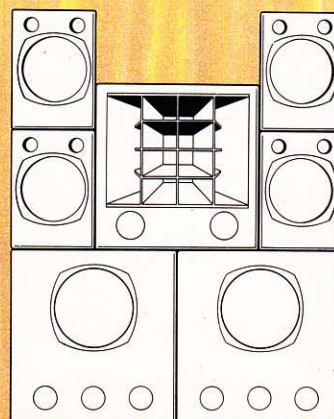
One Puma
Nominal impedance 8Ω
Power handling 300W Programme 150W RMS
Frequency response 50Hz-20kHz
Peak SPL 119dB for 300W peak input



One Lynx Two Leopard
Nominal impedance 4Ω
Power handling (35Hz-500Hz) 800W Programme 400W RMS (500Hz-20kHz) 400W Programme 200W RMS
Frequency response 25Hz-20kHz
Peak SPL 126dB (35-500Hz) for 800W peak input 121dB (500Hz-20kHz) for 400W peak input



One Puma One Leopard
Nominal impedance 8Ω
Power handling (35Hz-500Hz) 400W Programme 200W RMS (500Hz-20kHz) 300W Programme 150W RMS
Frequency response 25Hz-20kHz
Peak SPL 120dB (35-500Hz) for 400W peak input 119dB (500Hz-20kHz) for 300W peak input



2 x 1/2 Lynx (stacked) + Panther + 2 x 1/2 Lynx (stacked) 2 x Leopard
Multi power system
Power handling 1600W programme 800W RMS
System response 25Hz-20kHz
Peak SPL (35-500Hz) 129dB for 1600W peak
On axis (500Hz-20kHz) 132dB for 800W peak
Off axis (500Hz-20kHz) 124dB for 800W peak



SPECIFICATIONS

	LYNX	PUMA	JAGUAR	PANTHER	LEOPARD	COUGAR
Power Handling Programme*	400W (5)	300W	300W	200W	400W	300W
Power Handling RMS (1)*	200W (5)	150W	150W	100W	200W	150W
Frequency Response (2)	50Hz–20kHz	50Hz–20kHz	35Hz–20kHz	80Hz–20kHz	35Hz–500Hz	100Hz–20kHz
Sensitivity for 2·8V @ 1M over Rated Frequency Response (3)*	95dB	94dB	94dB	103dB	94dB	96dB
Impedance Nominal	4Ω	8Ω	8Ω	6Ω	8Ω	8Ω
Impedance Minimum	3Ω	5·5Ω	5·5Ω	4Ω	5·5Ω	5·5Ω
Dispersion	115° Horizontal 90° Vertical	90° Conical	90° Conical	60° Conical	180° Conical	90° Conical
Crossover Frequency	2·2kHz	1·8kHz	1·8kHz	1kHz	500Hz	1·8kHz
Internal Volume	2×44 litres	104 litres	210 litres	140 litres (4)	210 litres	46 litres
Dimensions mm (h×w×d)	490×730×412(6)	490×730×420	730×730×526	730×730×526	730×730×526	560×560×406
Dimensions inches	19·3×28·7×16·2	19·3×28·7×16·5	28·7×28·7×20·7	28·7×28·7×20·8	28·7×28·7×20·7	22×22×16
Weight kg	42	33	50	58	49	25
Weight lbs	92·5	72·5	110	128	108	55
Connections	2×XLR	2×XLR	2×XLR	2×XLR	4×XLR	2×XLR
Mounting Detail	25mm plain socket, 3/8 Whit Threaded-hole	25mm plain socket	25mm plain socket	Castor holes	Castor holes	—

Notes:

- (1) Lower limit of frequency response up to crossover frequency.
Above crossover frequency power is –3dB less.
(2) ±3dB at any power up to RMS rating.
(3) 2·8V.

- (4) Reflex volume.
(5) Total power for 1 double cabinet.
(6) When packed for transit 490×730×366.
Each half 490×366×412.

*Our power handling and sensitivity figures are taken over the entire frequency range of the particular product. Some other manufacturers measure a limited and often very favourable bandwidth.

ACCESSORIES

WPL 1	0·5 Metre (1·6 feet) parallel interconnecting lead with XLR plugs.
WPL 2	2·0 Metre (6·6 feet) parallel interconnecting lead with XLR plugs.
WSL 1	2·0 Metre (6·6 feet) series interconnecting lead with XLR plugs.
WA 1	Adaptor boss to mount Lynx double cabinet on tripod stand.
WTB	Tiebar extender for strapping together two Lynx double cabinets.
WTS	Adjustable height tripod stand for Lynx and Puma.

TANNOY®

TANNOY LIMITED
The Bilton Centre,
Coronation Road,
Cressex Industrial Estate,
High Wycombe, Bucks. HP12 3SB
Telephone: (0494) 450606
Telex: 83251 TANNOY 'G'

Printed in England.

Publication Part No. 6483.0047