

PRECISION 6D

| PERFORMANCE | Precision 6D |
|------------------------------|--|
| Frequency response (1) | 59Hz-51kHz |
| Max SPL (2) | 116dB |
| Distortion | < 0.5% |
| Dispersion (@-6dB) | 90 degrees |
| Drive Units - LF/MID section | 165mm (6 1/2") Dual Concentric™ constant directivity driver with multi fibre paper pulp cone |
| Dual Concentric™ HF section | 25mm (1") titanium dome neodymium magnet system |
| SuperTweeter™ | 25mm (1") titanium dome neodymium magnet system |
| Shielded | Yes |

Electronic System

| | |
|------------------------------------|---|
| Inputs | 600Ω balanced XLR/1/4" jack combination, SPDIF RCA |
| SPDIF Sample Rate | 44.1 – 96kHz |
| Input Sensitivity (0dBu = 0.775mV) | -10dBu to +4dBu for a max SPL of 116dB |
| Crossover Frequency | 2.5kHz |
| Amplifier Output Power | LF – 75W HF – 35W ST - passive feed from HF |
| Outputs SPDIF | Slave out RCA SPDIF |
| User Controls | Front panel mounted on/standby/mute switch, multi-function LED, Rear panel mounted trim +6/-12dB, 80Hz high pass switch for AV use, 16-way Activ-Assist™ switch array |
| Power Supply | Fixed mains voltage - region specific (to order) 110/220/230v |

Cabinet

| | |
|--------------|---|
| Type | Optimised bass-reflex loaded |
| Construction | MDF cabinet and front baffle, tongue and groove front and back |
| Finish | Black cabinet, grey painted baffle with brushed aluminium inlay |
| Accessories | Activ-Assist™ PC/MAC based software-measuring system to assist with the setting of the DIP switches to reach a substantially linear and flat response at the monitoring position. |

The Precision 6D combines the all-new multi fibre pulp paper cone 165mm (6 1/2") Dual Concentric™ driver with a purpose-built digital amplifier to render a complete system of unrivaled accuracy. Much more than merely a powered version of the Precision 6 passive, the 6D extracts the greatest performance possible from the fitted drivers through sophisticated electronics.

An SPDIF digital input is provided to interface the 6D directly to your production environment in the digital domain. In addition the 6D incorporates Tannoy's breakthrough Activ-Assist™ technology to effortlessly tune the monitor correctly for the acoustic environment while compensating for speaker placement and boundary loading.

ACTIV-ASSIST™



- (1) +/- 3 dB , measured at 1m in an anechoic chamber.
- (2) Peak SPL at mix position for 1 pair driven
- (3) Average over specified bandwidth for half space environment

