

TANNOY®

REVEAL

the evolution revealed

REVEAL
STUDIO MONITORS



TS12

500W RMS

26Hz(-6dB)

15Hz

2 x line level phone

2 x XLR balanced

2 x XLR balanced

(direct or 80Hz high pass)

2nd order low pass,

50Hz - 150Hz, -6dB

After approximately 12 mins.

in absence of input signal

300mm (12")

Closed box

22 litre / 0.78cu.ft

Phase control

Crossover defeat switch for

LFE operation

Soft limiting to avoid overload

LF extension control

372 x 335 x 335mm

14⁵/₈ x 13¹/₈ x 13¹/₈"

12.5kg / 27.5 lbs

120V nominal AC~60Hz

230V nominal AC~50Hz

120V - T5AL / 250V

230V - T2.5AL / 250V

600VA

Features

- Rigid cabinet, down-firing driver
- BASH® digital power amplifier
- Stereo line level inputs
- XLR input and output
- Direct or switched 80Hz high pass
- Auto power on and sleep function
- Soft-clip limiting
- Gain and phase controls



TS8 & TS10 & TS12

PROFESSIONAL ACTIVE
SUBWOOFERS

PERFORMANCE	TS8	TS10
Output power	200W RMS	300W RMS
Low frequency response	32Hz(-6dB)	29Hz(-6dB)
Limit for usable output	18Hz	16Hz
Inputs	2 x line level phone 2 x XLR balanced	2 x line level phone 2 x XLR balanced
Outputs	2 x XLR balanced (direct or 80Hz high pass)	2 x XLR balanced (direct or 80Hz high pass)
Input filter	2nd order low pass, 50Hz - 150Hz, -6dB	2nd order low pass, 50Hz - 150Hz, -6dB
Auto mute	After approximately 12 mins. in absence of input signal	After approximately 12 mins. in absence of input signal
Driver type	200mm (8")	250mm (10")
Enclosure type	Closed box	Closed box
Enclosure volume	12.5 litre / 0.45cu.ft	16.75 litre / 0.6cu.ft
Additional features	Phase control Crossover defeat switch for LFE operation Soft limiting to avoid overload LF extension control	Phase control Crossover defeat switch for LFE operation Soft limiting to avoid overload LF extension control
Enclosure (HxWxD) - including feet	292 x 280 x 255mm 11 ¹ / ₂ x 11 ¹ / ₂ x 10"	323 x 286 x 286mm 12 ¹ / ₁₆ x 11 ⁵ / ₁₆ x 11 ⁵ / ₁₆ "
Enclosure weight	7.0kg / 15.4 lbs	9.5kg / 21 lbs
Mains voltage	120V nominal AC~60Hz 230V nominal AC~50Hz	120V nominal AC~60Hz 230V nominal AC~50Hz
Mains fuse	120V - T2AL / 250V 230V - T1AL / 250V	120V - T3. 15AL / 250V 230V - T1.6AL / 250V
Maximum power consumption	275VA	416VA

TS8, TS10 & TS12 Professional Active Subwoofers

Three powerful active subwoofers have been designed to complement the Reveal range of studio monitors for 2.1, 5.1, 7.2 configurations or in any other multi channel combination required. All are substantially constructed closed box cabinets with high power handling and long throw drive units delivering tightly controlled bass with massive impact; ensuring that the punch and drive of the mix track is faithfully reproduced.

REVEAL 66

Reveal

Frequency response (1)
Recommended Amplifier Power
Power Handling Average RMS
Normal Impedance
Sensitivity (3)
Distortion
Crossover Frequency
Dispersion (@-6dB)

66

60Hz-51kHz
80 to 150W @ 8W
80W
6Ω
92dB for 1W at 1m
<0.6%
2.7kHz
90 degrees

Reveal 66

- Passive centre channel reference monitor
- Optimised bass-reflex loaded cabinet with 40mm thick front baffle
- Two shielded 165mm (6¹/₂") woofers, multi fibre paper pulp cones
- Shielded 25mm (1") titanium dome neodymium tweeter
- WideBand™ HF extended to 51kHz corrects phase response

DRIVE UNITS

Drive Units - LF/MID

2 x 165mm (6¹/₂") multi fibre paper pulp cone

WideBand™ HF

25mm (1") titanium dome neodymium magnet system

Whether you're mixing for film, video or 5.1 audio formats, a dedicated centre-channel is a must.

Cabinet

Type
Construction

Optimised bass-reflex loaded MDF cabinet and front baffle.
Tongue and groove front and back
Grey cabinet
Maroon painted baffle

Finish

The Reveal 66 is designed to fit into your production environment with minimal visual obstruction while delivering the kind of performance demanded of a centre-channel speaker.

Wide dynamic range, equal capability with vocal and music tracks and more than enough acoustic output make the Reveal 66 the perfect centre channel in any Reveal system.



D I O M O N I T O R S

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REVEAL 6

Reveal

6

Frequency response (1)	63Hz-51kHz
Recommended Amplifier Power	50 to 100W @ 8W
Power Handling Average RMS	50W
Normal Impedance	6Ω
Sensitivity (3)	90dB for 1W at 1m
Distortion	<0.6%
Crossover Frequency	2.9kHz
Dispersion (@-6dB)	90 degrees

DRIVE UNITS

Drive Units - LF/MID	165mm (6 1/2") multi fibre paper pulp cone
WideBand™ HF	25mm (1") titanium dome neodymium magnet system



Cabinet

Type	Optimised bass-reflex loaded
Construction	MDF cabinet and front baffle. Tongue and groove front and back
Finish	Grey cabinet Maroon painted baffle

Reveal 6

- Passive nearfield reference monitor
- Optimised bass-reflex loaded cabinet with 40mm thick front baffle
- Shielded 165mm (6 1/2") woofer, multi fibre paper pulp cone
- Shielded 25mm (1") titanium dome neodymium tweeter
- WideBand™ HF extended to 51kHz corrects phase response

The Reveal 6 combines all the heritage and purity of the original Reveal series with the very latest in technology. The result is a no-nonsense nearfield reference monitor with deep, punchy bass, clean and open mid-range and unrivalled vocal intelligibility. Combine the Reveal 6 with your preferred power amplifier and hear just how good a passive reference monitor can sound.

PASSIVE STUD

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ACTIV-ASSIST™

Just because a speaker sounds great in one room doesn't mean it will sound great in your studio. Room acoustics, speaker placement and monitoring distance play a great role in the way a speaker sounds. Until now there wasn't much you could do about that without spending more money on expensive equalisers and a professional acoustician to place the speakers and tune them to the room.

Tannoy's exclusive Activ-Assist™ technology ensures that the great-sounding monitors we build will sound great where it matters; right there in your studio! It all starts with Activ-Assist™ software running on a PC/MAC with a sound card. The program automates the acoustic measurement process and allows you to measure the speakers in the room like a pro.

Once the measurement is made the software calculates the right settings from over 2,000 potential choices. Tuning the speaker is as simple as setting the switches on the rear panel to match the graphic on the computer screen. In seconds your Reveal D monitors have been tuned and optimised for the room with the same degree of precision that is used in some of the world's best recording studios.

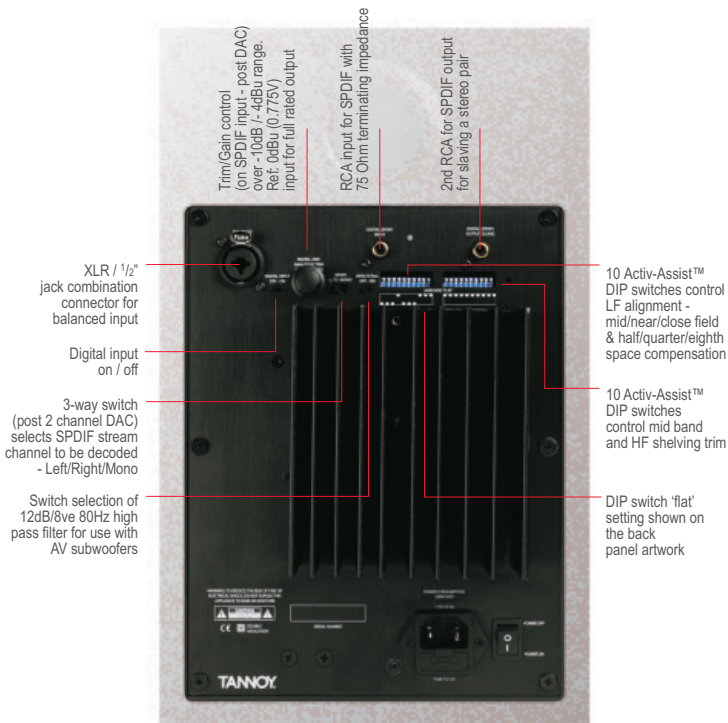
Activ-Assist™ software is available at no charge from www.tannoy.com for use with your own measurement microphone. A calibrated Tannoy measurement microphone is also available as an accessory from your local Tannoy dealer.

- Automated speaker measurement system for Reveal D studio monitors
- Recommends speaker EQ settings from 2,000 options
- Performs dual-channel FFT measurements of great precision
- Fool-proof on screen wizard-driven design
- Free software works with all Reveal D-series models



ACTIV-ASSIST™

REVEAL D



SPEC NOTES :

- (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

REVEAL 66D

PERFORMANCE

	66D
Frequency response (1)	49Hz-51kHz
Max SPL (2)	117dB
Distortion	<0.4%
Dispersion @-6dB, 10kHz, horizontal	90 degrees

DRIVE UNITS

Drive Units – LF/MID	2 x 165mm (6½") multi fibre paper pulp cone
WideBand™ HF	25mm (1") titanium dome, neodymium magnet system.

ELECTRONIC SYSTEM

Inputs	600Ω balanced XLR/Jack, SPDIF RCA
SPDIF sampling rate	44.1 – 96kHz
Input Sensitivity (0dBu = 0.775mV)	-10dBu to +4dBu for a max SPL of 117dB
Amplifier output power	100W LF / 50W HF
Outputs	SPDIF slave out RCA
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

Reveal 66D

- Active centre channel reference monitor with Active-Assist™
- Optimised bass-reflex loaded cabinet with 40mm thick front baffle
- Two shielded 165mm (6½") woofers, multi fibre paper pulp cones
- Shielded 25mm (1") titanium dome neodymium tweeter
- WideBand™ HF extended to 51kHz corrects phase response
- Active bi-amplification (100W LF / 50W HF)

Putting together an active surround system? Look no further than the Reveal 66D as the ideal centre channel monitor.

With its extended WideBand™ response, the R66D preserves the harmonic structure of recorded music and vocals; this results in a more natural and accurate reproduction of the original source. Ready to integrate with your analogue or digital production environment the R66D includes Tannoy's Activ-Assist™ equalisation technology.



REVEAL 8D

PERFORMANCE

8D

Frequency response (1)	46Hz-51kHz
Max SPL (2)	118dB
Distortion	<0.4%
Dispersion @-6dB, 10kHz, horizontal	90 degrees

DRIVE UNITS

Drive Units – LF/MID	200mm (8") multi fibre paper pulp cone
WideBand™ HF	25mm (1") titanium dome, neodymium magnet system.

ELECTRONIC SYSTEM

Inputs	600Ω balanced XLR/Jack, SPDIF RCA
SPDIF sampling rate	44.1 – 96kHz
Input Sensitivity (0dBu = 0.775mV)	-10dBu to +4dBu for a max SPL of 118dB
Amplifier output power	120W LF / 60W HF
Outputs	SPDIF slave out RCA
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



Reveal 8D

- High power active near field reference monitor with Activ-Assist™
- Optimised bass-reflex loaded cabinet with 40mm thick front baffle
- Shielded 200mm (8") multi fibre paper pulp cone woofer
- Shielded 25mm (1") titanium dome neodymium tweeter
- WideBand™ HF extended to 51kHz corrects phase response
- Active bi-amplification (120W LF / 60W HF)
- Tannoy Activ-Assist™ set-up software enabled

Get the big, deep low-frequency performance of an 200mm (8") woofer with the same purity and articulation of the rest of the Reveal range with the R8D. Combining 180 Watts of bi-amplification, with Activ-Assist™ equalisation technology and an SPDIF digital input, the R8D is ready for the most demanding applications. Classic Reveal performance with extended LF response, and up to 118dB of power output makes the R8D the new standard for world-class nearfield monitoring applications.

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REVEAL 6D

PERFORMANCE

6D

Frequency response (1)	60Hz-51kHz
Max SPL (2)	115dB
Distortion	<0.5%
Dispersion @-6dB, 10kHz, horizontal	90 degrees

DRIVE UNITS

Drive Units – LF/MID	165mm (6½") multi fibre paper pulp cone
WideBand™ HF	25mm (1") titanium dome, neodymium magnet system.

ELECTRONIC SYSTEM

Inputs	600Ω balanced XLR/¼" jack combination, SPDIF RCA
SPDIF sampling rate	44.1 – 96kHz
Input Sensitivity (0dBu = 0.775mV)	-10dBu to +4dBu for a max SPL of 115dB
Amplifier output power	75W LF / 35W HF
Outputs	SPDIF slave out RCA
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



Reveal 6D

- Active near field reference monitor with Activ-Assist™
- Optimised bass-reflex loaded cabinet with 40mm thick front baffle
- Shielded 165mm (6½") woofer, multi fibre paper pulp cone
- Shielded 25mm (1") titanium dome neodymium tweeter
- WideBand™ HF extended to 51kHz corrects phase response
- Active bi-amplification (75W LF / 35W HF)

A whole generation of artists and producers have built their award-winning recordings on the original Reveal active; now the Reveal 6D takes nearfield monitoring to a new level. Incorporating Tannoy's exclusive Activ-Assist™ technology allows you to tune the monitor to the room's acoustics for an unparalleled sonic integration. Go ahead and connect it directly to the SPDIF output from your DAW, or stay in the analogue

REVEAL 5A

PERFORMANCE

5A

Frequency response (1)	70Hz-30kHz
Max SPL (2)	109dB
Distortion	<0.7%
Dispersion @-6dB, 10kHz, horizontal	90 degrees

DRIVE UNITS

Drive Units – LF/MID	130mm (5") multi fibre paper pulp cone
WideBand™ HF	25mm (1") soft dome, neodymium magnet system.

ELECTRONIC SYSTEM

Inputs	600Ω balanced XLR/1/4" jack combination
Sensitivity	775mV for 40W
Amplifier output power	40W LF / 20W HF
User controls	Front panel mounted on/standby/mute switch, multi-function LED, gain control
Cabinet dimensions (HxWxD exc. heatsink)	298.8 x 271.5 x 184mm 11 ³ / ₄ x 10 ³ / ₄ x 7 ¹ / ₄ "



Reveal 5A

- Active compact reference monitor
- Ultra high bandwidth response out to 30kHz
- Optimised bass-reflex loaded cabinet with 40mm thick front baffle
- Shielded 130mm (5") woofer, multi fibre paper pulp cone
- Shielded 25mm (1") soft dome neodymium tweeter

Whether you're building a studio on a budget, or you just need an active monitor with a small footprint, the Reveal 5A is your choice. Built to the same high standard as the rest of the Reveal line, the R5A packs performance, accuracy and value into a compact enclosure that's ready to share the desktop with the rest of your gear. Priced right for the beginner, the R5A delivers WideBand™ performance that will impress even the most seasoned pro.

A C T I V E

TANNOY®

REVEAL

The Antidote to Compromise

Few if any manufacturers have the reputation and track record of Tannoy in the professional studio monitor market. Right from the emergence of the studio monitor itself as a product in the early 1940's through the British invasion of the '60's and every genre of music since then, Tannoy has been helping track, mix and master the hits.

You don't dominate a segment for over 60 years by cutting corners. You do it by staying true to your values; and letting others chase the latest fad or cheapest option. Considering the crucial role that monitors play in the production of audio programming we believe that this is one place in your signal chain where compromise is simply unacceptable.

See and hear the Tannoy Reveal range at an authorized dealer near you and see for yourself why Reveal is truly the antidote to compromise.



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