



# Reveal 601p

TANNOY®



## Product Description

The original Tannoy Reveal near field monitor has become an iconic fixture in recording studios across the world since first appeared in the mid nineties, widely recognised as the benchmark reference product that defined the category and has been the monitor of choice for thousands of amateur and professional recording, creative composition and postproduction facilities worldwide. Building upon this world-class reputation, the all new Tannoy Reveal series represents the latest evolution of Tannoy's high resolution passive reference monitor technology.

Whether you're looking to equip your studio with an industry standard reference monitor without the excessive price tag, or you need a passive monitor with a small footprint to integrate into your existing amplified system, the Reveal 601p offers the perfect solution. Built to the same superior standard as the active versions of the new Reveal range, the Reveal 601p packs performance, accuracy and value into a compact enclosure. Priced competitively with the serious home or project studio setup in mind, the all new Reveal 601p delivers a wide bandwidth performance that will impress even the most seasoned pro.

The low distortion 6" LF/MF driver voicing has been enhanced to deliver a natural and accurate ultra-linear response in the low and midrange frequencies, while the wide bandwidth tweeter extends the amplitude response beyond the 20kHz audibility threshold to 30kHz to improve the phase response within the audible band. This preserves the harmonic structure of sounds and the stability of the stereo image, ensuring stunningly accurate mix translation. Response has been optimised for quarter space near field operation, such as on a meter bridge or on a table either side of your control surface, while HF trim control allows fine tuning. The rigid MDF cabinet construction provides stiffness and minimises colouration, while internal bracing of the sides and rear against the back of the bass driver provides a rigid reactive mass for the moving cone assembly; this ensures fast tight bass response and clear midrange. The curved edged design of the front baffle helps eliminate diffraction, while the front-firing bass port avoids the problem of exaggerated bass response as a result of boundary-coupling – a pitfall inherent with rear-firing designs when positioned close to a wall. The new elliptical tweeter waveguide has also been optimised to control high frequency directivity and minimise diffraction, ensuring a wide and even sweet spot.

Both balanced XLR and unbalanced TRS jack inputs complete the versatile package, ensuring the Tannoy Reveal 601p is easily integrated into any home or project studio with the minimum of fuss.

## Behind the Badge

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.

## Features

- Power handling 50W RMS, 100W Programme
- 6" (165mm) LF/MF driver and 1" (25mm) soft dome tweeter delivering wide frequency response of 63Hz – 30kHz
- Sculpted and rigid front baffle design to minimise diffraction
- Response has been optimised for quarter space near-field operation, such as on a meter bridge or on a table either side of your control surface
- Front firing reflex bass port to negate boundary-coupling
- Bass unit optimised to minimise asymmetry and to linearise the suspension component
- Wideband tweeter design extending the amplitude response beyond 20kHz audibility to 30kHz to improve the phase response from within the audible band.

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## TECHNICAL SPECIFICATIONS

### System

<b>Frequency Response (-3dB) <sup>(1)</sup></b>	63Hz - 30kHz
<b>Recommended Amplifier Power</b>	50 - 100W RMS into 8 Ohms
<b>Power Handling <sup>(2)</sup></b>	Average 50W PMS Programme 100W
<b>Nominal Impedance</b>	8 Ohms
<b>Sensitivity SPL/ 1W @ 1m <sup>(3)</sup></b>	89dB
<b>Distortion</b>	<0.6%
<b>Crossover Frequency</b>	2.3kHz
<b>Dispersion</b>	XLR balanced & unbalanced Jack 10 kOhms
<b>Drive Unit LF/ Mid</b>	165mm (6") multi fibre pulp paper cone
<b>Drive Unit HF</b>	25mm (1") soft dome with neodymium magnet system
<b>Magnetic Shielding</b>	No

### Cabinet

<b>Low Frequency Alignment</b>	Optimised front reflex loaded
<b>Cabinet Construction</b>	MDF cabinet with injection moulded front baffle
<b>Cabinet Finish</b>	Black fine texture
<b>Cabinet Dims. (HxWxD)</b>	340 x 210 x 272mm (11.8 x 7.2 x 9.3")
<b>Cabinet Weight</b>	5.9kg (13.0lbs)
<b>Shipping Dims. (HxWxD)</b>	466 x 302 x 366mm (18.4 x 11.9 x 14.4")
<b>Shipping Weight</b>	6.9kg (15.2lbs)

#### Notes:

- (1) +/- 3dB measured at 1m in an anechoic chamber.
- (2) Long term power handling capacity as defined in EIA standard RS426A.
- (3) Averaged over specified bandwidth for half space environment.

Tannoy operates a policy of continuous research and development. The introduction of new materials or manufacturing methods will always equal or exceed the published specifications, which Tannoy reserve the right to alter without prior notice. Please verify the latest specifications with critical applications.

### Ordering Information

PART NUMBER	MODEL NAME	COLOUR	PACKED QUANTITY
8001 6000	REVEAL 601p	BLACK	1

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