



## DIAMOND STUDIO SERIES

PRELIMINARY INFORMATION. SPECIFICATIONS AND IMAGES SUBJECT TO CHANGE.

Diamond Studio 7



NEW

Diamond Studio 5



### ***No frills - just honest, accurate sound***

Following the introduction of the Diamond Studio -BT models of studio monitors with Bluetooth, Wharfedale Pro now release the non-Bluetooth versions, Diamond Studio 7 and Diamond Studio 5.

The new Diamond Studio 5 and Studio 7 share all the same components, drivers and sonic detail as the Bluetooth models but, the visually defining black woven fibreglass composite LF drivers now bring a slim enhancement to vocal frequency clarity.

- Honest, uncoloured sound
- Balanced inputs - XLR, 6.3 mm combi jack
- RCA stereo inputs
- Bi-amplified.
- Woven fibreglass composite LF cones
- HF and LF level controls

**COMING SOON - Q1 2022**

## DIAMOND STUDIO

### 1" SOFT DOME TWEETER

The custom Wharfedale Pro soft dome tweeter is refined for accuracy. Uncoloured and pure high frequency delivery.

### TEXTURED HIGH QUALITY PAINT

The cabinet of Diamond Studio is constructed of MDF and is covered in a durable attractive textured paint finish.

### WOVEN FIBREGLASS CONE

This fibreglass composite material is extremely rigid and lightweight compared to alternative paper-based cones. Fibreglass delivers superb low frequency dynamic response and, importantly for studio monitoring, a very fast transient response.

The BLACK fibreglass composite used in the 'non-Bluetooth' version gives a slim enhancement to the vocal frequencies.

### 5.0" or 6.5"

Choose your size! Diamond Studio models are available in 2 different sizes. You choose! They both sound great.

### DUAL FRONT PORTING

Front porting for enhanced bass response

### ILLUMINATED LOGO

LED illuminated Wharfedale Pro logo



## DIAMOND STUDIO

### RCA INPUTS

For easy connection with domestic electronics, Diamond Studio features stereo unbalanced RCA inputs

### XLR Combi jack

Balanced inputs are handled by the XLR / 6.3 mm combi connector

### AMPLIFIERS

Two dedicated amps are inside which are perfectly matched for each transducer.



### MASTER VOLUME

Just as the knob says....its the Master Volume control!

### HF LEVEL CONTROL

-2 dB to +2 dB control over the HF content

### LF LEVEL CONTROL

-2 dB to +2 dB control over the LF content

### WIDE RANGE AC IN

Diamond Studio operates between 100 v and 240 v AC. Smooth performance regardless of power fluctuations

### ***No frills - just honest, accurate sound***

The new Diamond Studio monitors are high quality studio monitors, with the sonic detail required for intricate audio work. Easily recognisable by their black woven fibreglass cones, these models share the same components, drivers and sonic detail as the Bluetooth Diamond Studio models released in Q3 2021.

The (black) low frequency driver cone is made of woven fibreglass. This material is extremely rigid and lightweight compared to alternative paper-based cones. Fibreglass cone material delivers superb low frequency dynamic response and, importantly for studio monitoring, a very fast transient response.

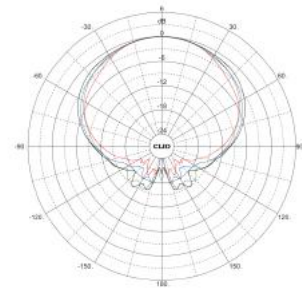
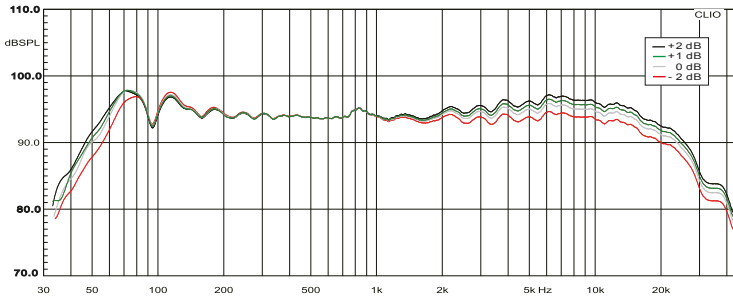
Internally, there are 2 discrete amplifiers. This bi-amplification ensures that the amp stage is perfectly matched with the dedicated High Frequency and Low Frequency driver.

With dedicated "HF Level" and "LF Level" rear panel controls, the Diamond Studio can also easily be tailored to personal taste or room acoustics too.

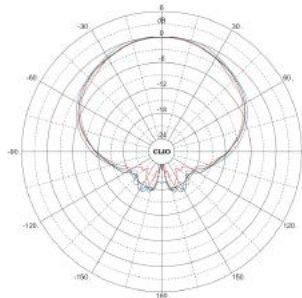
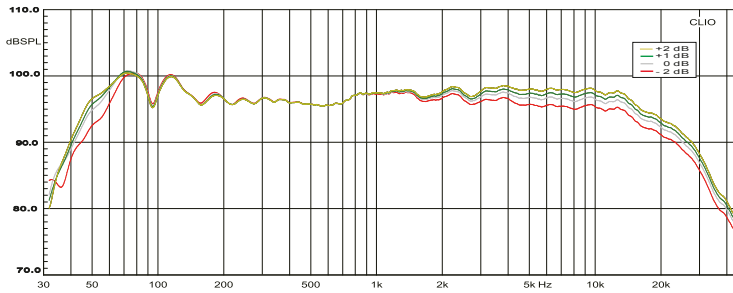
All Diamond Studio monitors have been engineered to be accurate. Not to colour or to flatter the overall sound, but to be honest, transparent and to reveal hidden detail.

# MEASUREMENTS

Diamond Studio 5



Diamond Studio 7



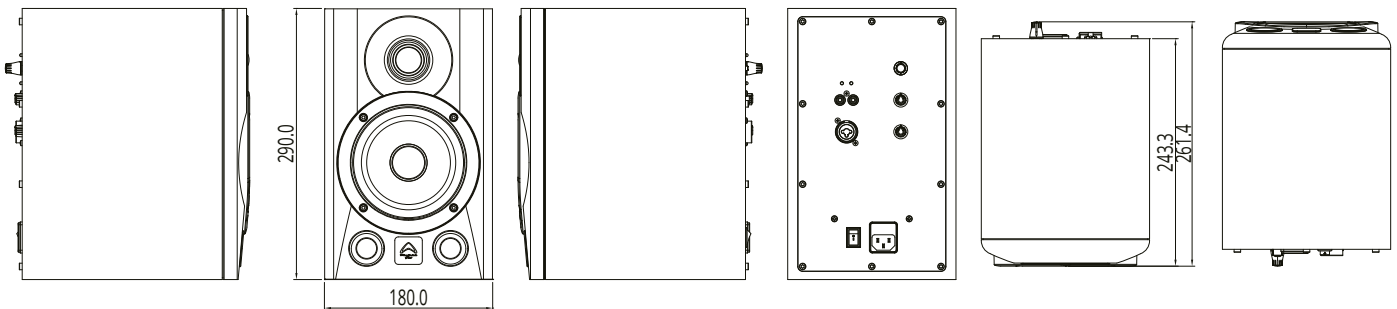
DIAMOND STUDIO 5

**140 W Continuous    280 W Peak**

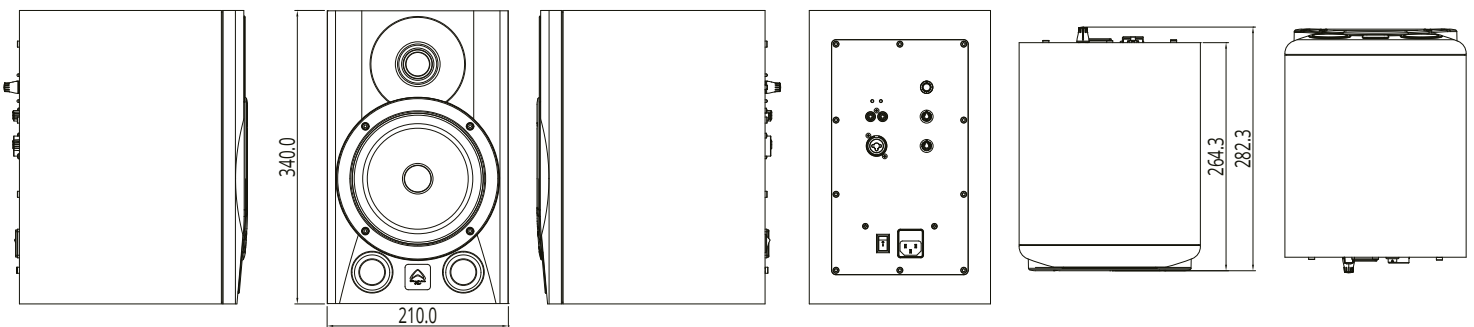
DIAMOND STUDIO 7

**150 W Continuous    300 W Peak**

Diamond Studio 5



Diamond Studio 7



# SPECIFICATIONS



Model Name	Diamond Studio 5	Diamond Studio 7
System Type	Active 5" 2-way Bi-Amplified	Active 6.5" 2-way Bi-Amplified
Freq. Range (-10 dB) Analog Input	45 Hz-25 KHz	38 Hz-25 KHz
Maximum SPL (peak @1 m)	110 dB	113 dB
<b>LF Transducer</b>	5" Fiberglass composite woofer	6.5" Fiberglass composite woofer
<b>HF Transducer</b>	Silk Soft dome tweeter	Silk Soft dome tweeter
Coil Size (mm / inches)	25.4 mm / 1"	25.4 mm / 1"
High Frequency Coverage (H x V)	135° x 110°	135° x 110°
<b>Total Power Amplifiers</b>	<b>140 W</b>	<b>150 W</b>
Low-Frequency Power Amplifier (Class D)	80 W Continuous / 160 W Peak	90 W Continuous / 180 W Peak
High-Frequency Power Amplifier (Class D)	60 W Continuous / 120 W Peak	60 W Continuous / 120 W Peak
<b>Electronic Crossover:</b>		
Crossover Frequency	2.2 KHz	2.2 KHz
<b>Controls</b>		
Equalization (dB)	HF / LF Level Adjust (-2, 0, +1 ,+2)	HF / LF Level Adjust (-2, 0, +1 ,+2)
System Volume	-∞ to +10 dB	-∞ to +10 dB
Amplifier Protection	Yes	Yes
Power On Protection	Power switch on / off mute	Power switch on / off mute
Thermal Protection	Amplifier shutdown, auto reset	Amplifier shutdown, auto reset
Driver, DC and Short Protection	Yes	Yes
Limiter Indicator	Red LED	Red LED
Power Indicator	Green LED / white LED (LOGO)	Green LED / white LED (LOGO)
Input type	Balanced / Unbalanced	Balanced / Unbalanced
Input Connectors	TRS JACK / FEMALE XLR / RCA	TRS JACK / FEMALE XLR / RCA
AC Power Options	100 V-240 V	100 V-240 V
Power On Indicator	LED	LED
Cabinet Material	MDF	MDF
Cabinet Colour	black	black
<b>Dimensions (Unpacked):</b>		
Height	290 mm / 11.42"	340 mm / 13.39"
Width	180 mm / 7.1"	210 mm / 8.27"
Depth	240 mm / 9.45"	260 mm / 10.24"
<b>Dimensions (packed):</b>		
Height	350 mm / 13.78"	400 mm / 15.75"
Width	242.5 mm / 9.55"	272 mm / 10.71"
Depth	303 mm / 11.93"	325 mm / 12.80"
<b>Weight</b>		
Net Weight	5.62 kg / 12.4 lbs	6.84 kg / 15.1 lbs
Gross Weight	6.47 kg / 14.2 lbs	7.82 kg / 17.20 lbs

