

Focal unveils the new ST6 Line: Solo6, Twin6 and Sub12



Today Focal has announced the redesigned versions of its iconic professional studio monitors, Solo6 and Twin6. The new versions of these renowned powered monitors, both originally released 15 years ago, retain Focal's heritage of excellence in design and sound reproduction but offer increased sonic detail and even more transparency. Focal engineers have reached a new zenith in audio design through improved transducer designs, new amplifiers, and a structurally enhanced cabinet. The new monitors also push boundaries by adopting innovations from Focal's award-winning Trio11 Be monitors including Focus Mode and much more. The new Solo6 features mounting points for wall and ceiling placement in immersive systems such as Dolby® Atmos and Sony 360RA® setups. Complementing these two monitors, Focal also introduced an all-new, powerful "Sub12" subwoofer to add to its line with the Sub6 and Sub One subwoofer lineup. Focal Sub12 features a newly designed 13-inch woofer with a 600-watt power amp utilizing technology and features from their award-winning, flagship Trio11 powered monitors. The complete ST6 line will be shipping in June 2022.

Product video: <https://bit.ly/3LWliti>

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Berlin, 3rd of June 2022 - Focal innovates again with new 'Solo6' and 'Twin6' studio monitors offering more detailed & transparent sound. Newly redesigned versions of iconic professional studio monitors retain Focal's heritage while dramatically improving performance and versatility. The new series of monitors is called ST6 and also includes a newly designed & powerful 'Sub12' subwoofer. Focal Sub12 features a newly designed 13-inch driver with a powerful 600-watt RMS power amp going lower and louder than ever before.

A MORE TRANSPARENT & DETAILED SOUND

The monitors sport a new Beryllium tweeter design with an M-shaped protective

Overview

Facts

- Focal announces new ST6 line - Solo6, Twin6 and Sub12
- New Beryllium tweeter with M-shaped protection cover
- New W-Cone woofer featuring patented Tuned Mass Damper (TMD) Technology
- Focus Mode - 2 speakers in 1 - for Solo 6 and Twin 6
- Mounting points for wall and ceiling Mounts (Solo6) for Dolby Atmos Setups

Product name

Solo6
Twin6
Sub12

Brand

Focal

Exclusive distribution

Sound Service GmbH

Website

www.sound-service.eu
www.focal.com

Price (MSRP)

Solo6 = 1399,-
Twin6 = 1999,-
Sub12 = 2599,-

Availability

Ca. June 2022

Media

Press download incl. images

<https://blog.sound-service.eu/press-kits/>

Products for review

Please use press contact below!

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Both models include Focal's patented Tuned Mass Damper (TMD) technology integrated into their new woofer design offering as much as 50% less distortion in the 1kHz to 3kHz frequency range — a feature borrowed from Focals' flagship Trio11 monitors. A new cabinet design has a refined modern look that uses a thicker, more robust material. The cabinet interior features more reinforcement braces, both of which make the monitors more rigid and dampened, equating to less vibration and thus less distortion. All these key improvements come together to produce an even more nuanced, detailed playback than the previous models with new revealing transparency allowing engineers to hear their work more accurately.

FOCUS MODE FOR ALL

The new redesigned Solo6 and Twin6 both feature a new version of Focus Mode which offers a completely different speaker configuration at the press of a footswitch — like having a second pair of monitors with reduced dynamics for checking mixes and balance. The Solo6 has a 1-way single-driver Focus Mode with no tweeter, replicating the concept of the ubiquitous Auratone monitors, while the Twin6 Focus Mode uses a 2-way arrangement with both drivers, but again with no tweeter. Focal's Focus Mode lets the engineer remain in the sweet spot when evaluating mixes, saves space on the desk or console, and simplifies cabling and monitor switching.

EACH NEW MODEL OFFERS SPECIFIC FEATURES

Solo6 and Twin6 now include a variable high pass filter and 160Hz parametric filter to mitigate console or desk reflections. The Solo6 is an ideal monitor choice for Dolby ATMOS immersive sound setups and now includes mounting points for wall or ceiling placement. Both models have a user-accessible Defeat Switch for the auto-off power-saving feature to offer a simple user-controlled option; Power-saving circuitry is a regulated product requirement in the European Union.

MORE POWER AND MORE FLEXIBILITY FOR MORE STUDIO SYSTEMS

The Sub12 features a completely new 13-inch woofer with even more articulation and definition due to its efficient design offering a very deep low-end impact and incredibly low distortion. The BASH amplifier provides 600W of RMS power with a 1000W peak. The cabinet design features optimized bracing and reinforcement and a front-facing port based on the company's Trio11 monitors but adds internal and external flares to reduce mechanical noise and distortion. As a convenience, large handles are built in on the sides of the cabinet to move the 154-pound unit more easily with two people. A complete host of bass management controls on the rear of the Sub12 allow an acoustician, room tuner, or studio owner to dial in the perfect low-end settings for any system setup: variable low-pass, highpass, and phase. Rear controls also feature switches for polarity, +4dBu or -10dBv sensitivity, auto stand-by bypass, LFE input, and throughout. The Sub12 also features Focal's single footswitch control input to truly bypass one or multiple daisy chained Sub12 units.

SOLO6

Solo6 is a 2-way monitor offering transparency, a level of definition, dynamics and soundstage precision that is unrivalled in its price range. Thanks to its Focus full-range mode, Solo6 is two monitors in one, where the woofer alone becomes a full-range speaker driver.

Key features

- Beryllium inverted dome tweeter: very low directionality, excellent linearity, and dynamics
- Optimised baffle tweeter: excellent dispersion control
- Composite sandwich 'W'-cone: sound neutrality, no distortion
- Focus mode: two monitors in one; 2-way monitor and 1-way full-range monitor (woofer alone)
- Large laminar port: no port noises or distortion
- Inserts for wall fastening
- Automatic disengageable stand-by mode
- Settings: activatable/deactivatable, LF shelving, HF shelving, LPF @ 160Hz

TWIN6

Twin6 is 2.5-way monitor offering transparency, a level of definition, dynamics and soundstage precision that is unrivalled in this price range. Thanks to its Focus full-range mode, Twin6 is two monitors in one, where the woofers alone become full-range speaker drivers.

Key features

- Beryllium inverted dome tweeter: very low directionality, excellent linearity and dynamics
- Optimised baffle tweeter: excellent dispersion control
- Composite sandwich 'W'-cone: sound neutrality, no distortion
- Focus mode: two monitors in one; 2-way monitor and 1-way full-range monitor (woofer alone)
- Large laminar port: no port noises or distortion
- Automatic disengageable stand-by mode
- Settings: activatable/deactivatable, LF shelving, HF shelving, LPF @ 160Hz

SUB12

Sub12 is a highly articulate subwoofer offering a level of definition, dynamics and sub-bass that is unrivalled in its price bracket. Thanks to its high excursion woofer and 1000W peak amplification, the Sub12's transcription is more powerful and truer than ever.

Key features

- Composite sandwich 'W'-cone: sound neutrality, no distortion
- Large laminar port: no port noises or distortion
- Automatic disengageable stand-by mode
- Amplification: 600W RMS, 1000W peak
- Carry handle

(862 words / 4888 characters)

TECHNICAL SPECIFICATIONS**Solo6 Monitor**

Type	2-way monitor
Frequency response (+/- 3dB)	45Hz - 40kHz
Low cut-off frequency (@ -6dB)	40Hz
Focus mode frequency response	110Hz - 10kHz
Maximum SPL	110dB (Average CEA2034, 50–10kHz free field @ 1m)
Maximum SPL Focus mode	109.5dB (Average CEA2034 100–10kHz free field @ 1m)
Input	XLR: symmetrical 10kOhms
Bass amplifier stage	80W RMS
Treble amplifier stage	50W RMS
Nominal power supply	~100-120 VAC/220-240 VAC 50/60Hz
User controls	Sensitivity, stand-by HPF, LF Shelf, LMF EQ, HF Shelf
Fuses	~220-240V, T1.25AL/250V
Bass	6.5" (16.5cm) "W" cone
Treble	1.5" (38mm) Beryllium
Shielding	no
Construction	7/8" (22mm) MDF
Finish	Dark red natural veneering side panels, black body
Dimensions	(HxWxD) 131/8"x93/4"x115/8" (33.4x24.6x29.5cm)
Weight	28.6lbs (13kg)
Temperature range	During use: 5-35°C In storage: 0-50°C
Wall mounting	K&M® 24471 fixing kit + K&M® 24359 adapter
Ceiling mounting	K&M® 24496 fixing kit K&M® 24491 fixing kit + K&M® 24359 adapter

Twin6 Monitor

Type	2.5-way monitor
Frequency response (+/- 3dB)	45Hz - 40kHz
Low cut-off frequency (@ -6dB)	40Hz
Focus mode frequency response	110Hz - 10kHz
Maximum SPL	112dB (Average CEA2034, 50–10kHz free field @ 1m)
Maximum SPL Focus mode	111.5dB (Average CEA2034 100–10kHz free field @ 1m)
Input	XLR: symmetrical 10kOhms
Bass amplifier stage	2x70W RMS
Treble amplifier stage	50W RMS
Nominal power supply	~100-120 VAC/220-240 VAC 50/60Hz
User controls	Sensitivity, stand-by, Left/Right, HPF, LF Shelf, LMF EQ, HF Shelf
Fuses	~220-240V, T1.6AL/250V
Bass	2x6.5" (16.5cm) "W" cone
Treble	1.5" (38mm) Beryllium
Shielding	no
Construction	7/8" (22mm) MDF
Finish	Dark red natural veneering side panels, black body
Dimensions	(HxWxD) 101/8x201/4x131/2" (25.8x51.4x34.4cm)

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Weight	48.5lbs (22kg)
Temperature range	During use: 5-35°C In storage: 0-50°C

SUB12 Subwoofer

Type	Subwoofer
Frequency response (+/- 3dB)	30Hz – 400Hz
Low cut-off frequency (@ -6dB)	28Hz
Maximum SPL	124,5 dB SPL (Average CEA2010B 30-200 Hz free field @ 1m)
Inputs	Balanced XLR LFE 10kΩ, Left & Right 10kΩ
Outputs	Balanced XLR LFE (in parallel), Left & Right 50Ω
Bass amplifier stage	600W RMS
Nominal power supply	~100–120 VAC/220–240 VAC 50/60Hz
User controls	Sensitivity, Stand-by, Polarity, Phase, LPF, Volume, HPF
Fuses	~220-240V, T5AL/250V
Internal signal processing and functions (Subwoofer section)	Left + Right mono summation LFE + mono low-pass 24dB/octave Phase adjustment Polarity selection Switchable high-pass crossover frequency cut-off selection 24dB/octave
Outputs (to satellites)	Right, left
Type/Impedance	Electronically balanced / 50Ω
Connector	3-point male XLR
Bass	1 x 13" (33cm) x 'W' cone
Shielding	No
Construction	Dark red natural veneering side panels, black body
Dimensions (HxWxD)	235/8x191/8x223/8" (60x48.7x56.8cm)
Weight	127.8lbs (58kg)
Temperature range	During use: 5-35°C In storage: 0-50°C

About Focal

Focal has been recognised as a leader on the global stage for its high fidelity products. This French company based in Saint-Étienne (Loire department) manufactures speaker drivers, Home audio, Custom Integration and Multimedia loudspeakers, Car audio systems, monitoring loudspeakers and audiophile headphones. Some of our loudspeakers and technologies have become world-renowned references in the Hi-Fi industry.

All Focal products are designed and developed in France: they benefit from about 40 years of innovation in exclusive and patented acoustic technologies. We have chosen to continue manufacturing products 'Made in France', where the quality and high standards of French workmanship place the brand above its competitors. A market leader in France, Focal exports more than 80% of its production, mainly to Europe, North America and Southeast Asia.

About the Company Sound Service GmbH

Founded in 1983, the Berlin based Sound Service GmbH has been growing steadily from a one-product-distributor (MFB Fricke; the world's first digital drummachine) to one of the major independent german distribution companies for musical instruments recording studio equipment and PA, Lightning and DJ products. Today Sound Service is one of the leading distribution companies in Europe with exclusive distribution rights for a lot of the A-List MI-brands covering most of the countries in Europe

