



RECORDING



BORN WITH 70 YEARS OF EXPERIENCE

Since 1949 RCF has been at the forefront of the audio industry constantly innovating in technology to develop groundbreaking products for every professional audio need. Thanks to our great heritage we are one of a few loudspeakers manufacturers worldwide who have the ability to completely design and manufacture transducers, speaker systems, amplification, cabinets and control electronics. This allows us to offer innovative projects with final control of each detail and to create the components that perfectly match each other for every product.

The same care and attention has been used for the Mytho Series, a line of reference monitors that combine the legendary quality and reliability of RCF precision transducers with the latest development in digital amplification technology and acoustic design. New addition to the RCF recording segment is the AYRA PRO Series, a new line with three models and a dedicated subwoofer.

BRINGING OUR PROFESSIONAL AUDIO ATTITUDE TO THE STUDIO

A studio reference monitor is the key tool for the recording engineer to transform a live sound performance in a mix that will be played by people at their home or on their portable players. This concept was the foundation of our designing process for the Mytho speakers. In our history we had the opportunity to explore and manufacture live sound products, hi-fi products and also to introduce some notable technological innovations in the studio recording technology such as the integrated tweeter-midrange system in our 1990 RCF SDC6000 studio monitors.

This is why we decided to combine our state of the art active live sound systems experience with our 30 plus years of hi-fi audio heritage to create a studio monitor which represents the connection between this two worlds. The experience and the knowledge we acquired it has been also used for the new AYRA PRO Series, that comes with modern technology and with a smooth design.



AYRA PRO SERIES

The modern music production lifestyle demands versatile and accurate reference monitors. AYRA PRO active desktop speakers are the latest tools for musicians, sound engineers, video-producers and podcasters. Let your creativity flow with true hi-class speakers, optimized for near-field studio applications, broadcast and desktop use. Whether you're in a small studio, using a mobile system or hotel room desk, you have a powerful system to accurately mix with uncolored audio reproduction.

POTENT POWER AMPLIFIERS

All the AYRA PRO models are provided with high power and low distortion Class-D TRUE ACTIVE two-way amplifier. Focus your creativity on your music at any volume, the internal limiters will protect you from extreme clipping that can damage the transducers.

ACOUSTIC TRANSPARENCY

The AYRA PRO Series is optimized to deliver the best sound for a variety of applications. Whether you are mixing in your studio or in a broadcast facility — or simply need some great speakers for your home entertainment system — with AYRA PRO you will have a clear and loud

CLARITY AND DEFINITION

AYRA PRO high-frequency soft dome tweeter has advanced magnetics, high energy unit, designed to feature ferrofluid cooling and incredibly low distortion in a professional waveguide. AYRA PRO studio monitors stand out for high-frequency clarity and definition.

non-tiring sound. The frontal bass reflex port delivers a larger portion of the energy forward, away from rear walls. At the same time, it is perfect for in-wall installations.

ACTIVE PROFESSIONAL MONITORS

- Up to 120 dB Sound Pressure Level
- 1" ferrofluid cooled Soft Dome tweeter
- Wide 110° x 70° Constant Directivity
- Low distortion frontal Vented Ports

AYRA PRO8

- 45Hz - 20kHz Frequency Response
- 100W + 40W Class-D Amplifiers
- 8" Composite Fiberglass Woofer

AYRA PRO6

- 45Hz - 20kHz Frequency Response
- 80W + 40W Class-D Amplifiers
- 6.5" Composite Fiberglass Woofer

AYRA PRO5

- 50Hz - 20kHz Frequency Response
- 75W + 25W Class-D Amplifiers
- 5" Composite Fiberglass Woofer



*a reference for
your creativity*



LOW RESONANCE AND MINIMUM DISTORTION

Drawing from RCF's 70-plus years knowledge in cabinet and transducer design, the low-resonance fiberboard box design follows the requests of many professional sound engineers. Undesirable resonances are removed with the most advanced simulation software and the MDF baffle, including a thick horn design to dissipate vibrations at high frequencies.

FEEL THE MIX

Pairing the AYRA PRO10 SUB with RCF studio monitors delivers an optimized monitoring experience with extended headroom and powerful low-end. With 300 Watts RMS Class-D Amplifier, frequency range from 30 up to 120 Hz and a variable 2nd order crossover from 50 to 120 hertz, you have enough power for any mixing room size.

I/O AND CONTROLS

PRO features balanced XLR and TRS Jack inputs and one unbalanced RCA input to accommodate a wide range of sources such as audio interfaces, keyboards, DJ consoles, and audio mixing consoles. Two room response controls to boost or attenuate 1 dB on High Frequency and 2 dB at Low Frequency.

ACTIVE REFERENCE SUBWOOFER

- True active 300 W RMS class D power amplifier
- 10" composite fiber woofer
- 30 hz – 120 hz frequency response
- Stereo input board, stereo x-over output
- Low turbulence frontal bass reflex port
- Variable 2nd order crossover from 50 to 120 hertz



AYRA PRO SERIES

RCF PRO-SOUND QUALITY IN YOUR STUDIO

AYRA studio monitor works perfectly in any listening environment, whether large or small production facilities, with absolute clarity. It delivers accurate monitoring and provides the engineer or producer with a neutral tool to analyze recordings and optimize the mix; for this reason, we call it PRO.



FEATURES

	AYRA PRO8	AYRA PRO6	AYRA PRO5
Acoustical specifications			
Frequency Response:	45 Hz ÷ 20000 Hz	45 Hz ÷ 20000 Hz	50 Hz ÷ 20000 Hz
Max SPL @ 1m:	111 dB	109 dB	107 dB
Horizontal coverage angle	110°	110°	110°
Vertical coverage angle:	70°	70°	70°
Transducers			
Dome Tweeter:	1.0" neo, 1.0" v.c.	1.0" neo, 1.0" v.c.	1.0" neo, 1.0" v.c.
Woofers:	8", 1.5" v.c.	6.5", 1.2" v.c.	5.0", 1.0" v.c.
Input/Output section			
Input signal:	bal/unbal	bal/unbal	bal/unbal
Input connectors:	XLR, Jack, RCA	XLR, Jack, RCA	XLR, Jack
Output connectors:	-	-	-
Input sensitivity:	-2 dBu/+4 dBu	-2 dBu/+4 dBu	-2 dBu/+4 dBu
Processor section			
Crossover Frequencies:	2000Hz	2000Hz	2000Hz
Limiter:	Soft Limiter	Soft Limiter	Soft Limiter
Controls:	HF Adjust -1dB,0,+1dB LF Adjust -2dB,0,+2dB	HF Adjust -1dB,0,+1dB LF Adjust -2dB,0,+2dB	HF Adjust -1dB,0,+1dB LF Adjust -2dB,0,+2dB
Power section			
Total Power:	280 W Peak	240 W Peak	200 W Peak
High frequencies:	80 W Peak	80 W Peak	50 W Peak
Low frequencies:	200 W Peak	160 W Peak	150 W Peak
Connections:	XLR, Jack, RCA	XLR, Jack, RCA	XLR, Jack, RCA
RCF Technology			
FIRPHASE:	Yes	Yes	Yes
Standard compliance			
CE marking:	Yes	Yes	Yes
Physical specifications			
Cabinet/Case Material:	MDF	MDF	MDF
Color:	Black - RAL 9005	Black - RAL 9005	Black - RAL 9005
Size			
Height:	410 mm / 16.14"	340 mm / 13.39"	300 mm / 11.81"
Width:	253 mm / 9.96"	210 mm / 8.27"	185 mm / 7.28"
Depth:	320 mm / 12.6"	290 mm / 11.42"	243 mm / 9.57"
Weight:	8.6 kg / 18.96 lbs	5.5 kg / 12.13 lbs	4.3 kg / 9.48 lbs
PART NUMBER			
90-240 V - EU	13000599	13000598	13000597
90-240 V - US	13000650	13000647	13000644
90-240 V - UK	13000651	13000648	13000645
90-240 V - JP	13000652	13000649	13000646



AYRA PRO10 SUB

50 Hz ÷ 20 kHz
132 dB
-
-
-
10", 2.5" v.c.
bal/unbal
XLR, Jack, RCA
XRL Stereo
0 dBu
Selectable 50-120Hz
Soft Limiter
Level -inf./0dB
Selectable High-pass filter 50-120Hz
Bypass footswitch
0°/180° phase selector
600 W Peak
-
-
XLR, Jack, RCA
-
Yes
MDF
Black - RAL 9005
400 mm / 15.75"
355 mm / 13.98"
390 mm / 15.35"
17.8 kg / 39.24 lbs
13000608
13000734
13000735
13000733

FLEXIBLE CONTROLLER

With its comprehensive input connectors, including a pair of Combo XLR/TRS inputs, a pair of balanced TRS jack inputs, and a stereo 3,5 mini-jack connector, MC-1 allows connecting any type of audio source, professional or consumer. Perfect for Recording Facilities, Home Studios, or Entertainment Rooms. The stereo XLR output provides the connection for two stereo speaker pairs.

MC-1

- 2 IN x 2 OUT Stereo Controller/Switcher
- Rugged Metal Construction
- High Precision Volume Knob
- Distortionless Passive Attenuation Circuitry



FiRPHASE
TECHNOLOGY

AYRA PRO speakers are designed by using FiRPHASE, a proprietary and advanced FIR filtering technology, conceived for delivering transparent sound, absolute clarity and perfect stereo images to the listener. Featuring a dedicated powerful internal DSP that optimizes frequency response and dynamics in tandem with the exclusive RCF FiRPHASE processing and selected components, the AYRA PRO is the first Studio Monitor in its class to boast an outstanding 0° phase response.





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