

Flex Synergy Modular innovox

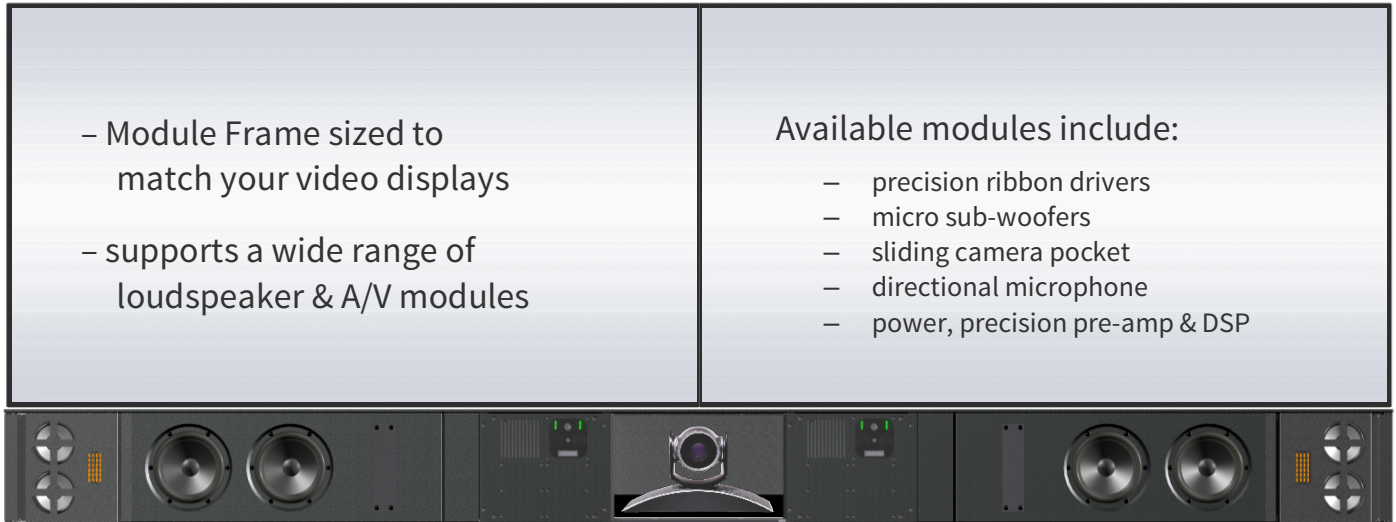
EXPERIENCE THE SOUND
OF TRUE ENGAGEMENT

A Platform for A/V Presentation, Videoconferencing &
Telepresence

- Module Frame sized to match your video displays
- supports a wide range of loudspeaker & A/V modules

Available modules include:

- precision ribbon drivers
- micro sub-woofers
- sliding camera pocket
- directional microphone
- power, precision pre-amp & DSP



(camera not included)

Flex Synergy is a modular solution, factory configured to meet the specific project requirements of consultants and system integrators.

The Flex Synergy Solution

Flex Synergy builds on the knowledge gained in the development for our HLA large venue & SLA compact line array products. This unique modular platform provides the tools needed to deliver high speech intelligibility and accurate program audio with maximum impact from the smallest possible equipment package.

Sophisticated DSP and power amplification by Powersoft are configured to optimize the performance of ribbons and proprietary Innovox drivers. This makes it possible for very compact loudspeaker modules to deliver exceptional vocal articulation and low frequency extension without the mid-bass coloration normally associated with on-wall mounting.



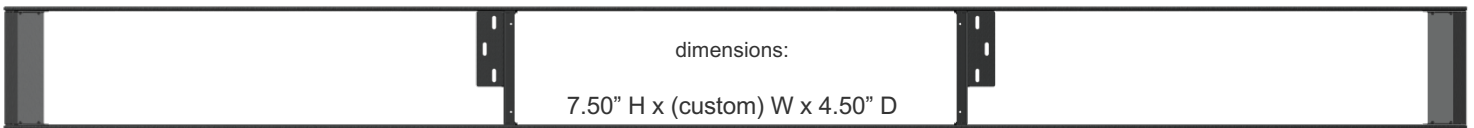
Horizontal Module Frames HMF-1

(for wall-mount)

HMF-Plus (includes suspension kit)

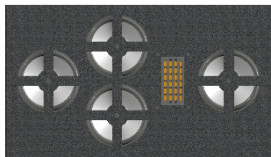
The HMF-1 horizontal module frame is custom built to match the exact width of your specified video display. It can be populated with a variety of modules to meet the specific requirements of your project.

The HMF-Plus includes a suspension kit for direct attachment of the HMF-1 to your display.



XRM-1

Extended Range Module



The XRM-1 is a full-range loudspeaker designed to function as a stand-alone module. Its precision ribbon HF driver and four 3 1/2" long-excursion LF drivers have been optimized to provide the articulation and transient response necessary for the highest speech intelligibility.

Descriptive Data – coverage pattern: 90° V x 120° H
frequency response: 100 Hz – 20 kHz
max SPL: 106 dB long term, 112 dB peak
dimensions: 13.25" W x 7.50" H x 2.63" D

XRM-1AD

Adjustable Down-Angle

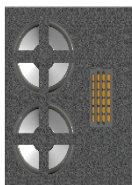


The XRM-1AD is a variation of the XRM-1 that features field adjustment for vertical aiming. It is a full-range loudspeaker designed to function as a stand-alone module. Its precision ribbon HF driver and four 3 1/2" long-excursion LF drivers have been optimized to provide the articulation and transient response necessary for the highest speech intelligibility.

Descriptive Data – coverage pattern: 90° V x 120° H
frequency response: 100 Hz – 20 kHz, ± 3 dB
max SPL: 106 dB long term, 112 dB peak
dimensions: 17.50" W x 4.00" H x 3.26" D

URM-1

Upper Range Module



The URM-1 is a voice-range loudspeaker with a precision ribbon HF driver and two long-excursion LF drivers. It is designed to function in conjunction with a Micro Sub module for higher output, lower bass extension and reduced inter-modulation (IM) distortion.

Descriptive Data – coverage pattern: 90° V x 120° H
frequency response: 200 Hz – 20 kHz
max SPL: 108 dB long term, 114 dB peak
dimensions: 6.38" W x 7.50" H x 2.63" D

URM-1AD

Adjustable Down-Angle



The URM-1AD is a URM-1 with provision for vertical aiming. It is optimized for voice-range with a precision ribbon HF driver and two long-excursion LF drivers. The URM-1AD is designed to function in conjunction with a Micro-Sub module for higher output, lower bass extension and reduced inter-modulation (IM) distortion.

Descriptive Data – coverage pattern: 90° V x 120° H
frequency response: 200 Hz – 20 kHz, ± 3 dB
max SPL: 108 dB long term, 114 dB peak
dimensions: 10.50" W x 4.00" H x 3.26" D

HSA-4.50

Horizontal Synergy Array

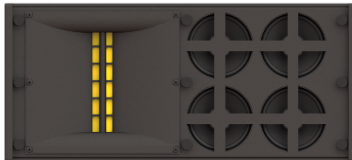


The HSA-4.50 is a horizontal line array. It is optimized for voice-range with a precision ribbon HF driver and four 3.5" long-excursion LF drivers. The HSA-4.50 is designed to function in conjunction with a Micro-Sub module for higher output, lower bass extension and reduced inter-modulation (IM) distortion.

Descriptive Data – coverage pattern: 120° V x 50° H
frequency response: 140 Hz – 20 kHz, ± 3 dB
max SPL: 112 dB long term, 118 dB peak
dimensions: 20.00" W x 4.00" H x 3.26" D

HOM-1

High Output Module



The HOM-1 is a high output voice-range module with a ribbon driver on a wave guide and four 3.5" long-excursion LF drivers. The HOM-1 is designed to function in conjunction with a Micro-Sub module for higher output, lower bass extension and reduced inter-modulation (IM) distortion.

Descriptive Data – coverage pattern: 35° V x 90° H
frequency response: 140 Hz – 20 kHz, ± 3 dB
max SPL: 116 dB long term, 122 dB peak
dimensions: 16.25" W x 7.50" H x 3.28" D

MSM-5

Micro Sub module



The MSM-5 is a very compact, precision sub-woofer with a 5 ½ inch long-excursion driver. Working in conjunction with proprietary DSP processing, it achieves maximum bass output from a minimum enclosure size. It is designed to complement the Synergy URM-1 loudspeaker module.

Descriptive Data – coverage pattern: omnidirectional
frequency response: 48 Hz – 200 Hz
max SPL: 102 dB long term, 108 dB peak
dimensions: 11.00" W x 7.50" H x 4.50" D

MSM 2x5

Dual Micro Sub module

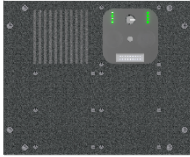


The MSM-2x5 is a very compact, precision sub-woofer with two 5 ½ inch long-excursion drivers. Working in conjunction with proprietary DSP processing, it achieves maximum bass output from a minimum enclosure size. It is designed to complement the Synergy URM-1 loudspeaker module.

Descriptive Data – coverage pattern: omnidirectional
frequency response: 48 Hz – 200 Hz
max SPL: 108 dB long term, 114 dB peak
dimensions: 21.50" W x 7.50" H x 4.50" D

DSP Amp 2

2 channel DSP amp module

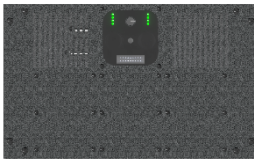


The DSP Amp 2 employs Powersoft DSP and amplification, in a 1-in/2-out or 2-in/2-out configuration which Innovox custom programs based on a customer's specific project requirements. Typical uses include two-way and stereo applications.

Descriptive Data – frequency response: 10 Hz – 20 kHz
power: 2 x 350W @ 4 Ω
2 x 175W @ 8 Ω
dimensions: 9.00 " W x 7.50 " H x 2.63 " D

DSP Amp 4

4 channel DSP amp module

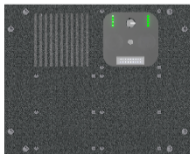


The DSP Amp 4 employs Powersoft DSP and amplification, in a 2-in/4-out configuration which Innovox custom programs based on a customer's specific project requirements. Typical uses include two-way stereo and 2.1 applications.

Descriptive Data – frequency response: 10 Hz – 20 kHz
power: 2 x 350W @ 4 Ω, plus 2 x 175W @ 8 Ω
dimensions: 12.75 " W x 7.50 " H x 2.63 " D

DSP Amp 2

2 channel DSP amp module

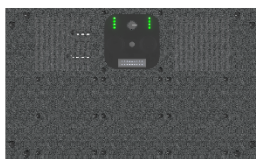


The DSP Amp 2 employs Powersoft DSP and amplification, in a 1-in/2-out or 2-in/2-out configuration which Innovox custom programs based on a customer's specific project requirements. Typical uses include two-way and stereo applications.

Descriptive Data – frequency response: 10 Hz – 20 kHz
power: 2 x 350W @ 4 Ω
2 x 175W @ 8 Ω
dimensions: 9.00 " W x 7.50 " H x 2.63 " D

DSP Amp 4

4 channel DSP amp module

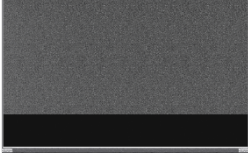


The DSP Amp 4 employs Powersoft DSP and amplification, in a 2-in/4-out configuration which Innovox custom programs based on a customer's specific project requirements. Typical uses include two-way stereo and 2.1 applications.

Descriptive Data – frequency response: 10 Hz – 20 kHz
power: 2 x 350W @ 4 Ω, plus 2 x 175W @ 8 Ω
dimensions: 12.75 " W x 7.50 " H x 2.63 " D

SCPM

Sliding Camera Pocket

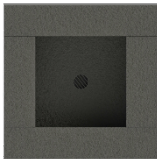


The SCPM is a Sliding Camera Pocket designed to accommodate a wide range of robotic cameras. The pocket can be adjusted within a Synergy frame to position the pocket as closely as possible to the adjacent wall, minimizing protrusion of the camera into the room.

Descriptive Data – dimensions: 12.00 “ W x 7.50 “ H x 7.50 “ D

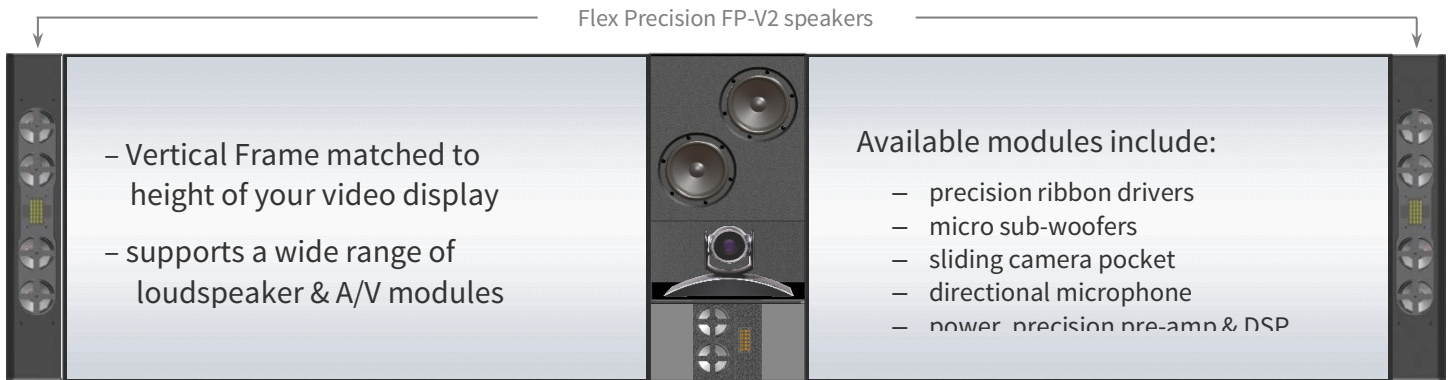
DMM-1

Directional Mic Module



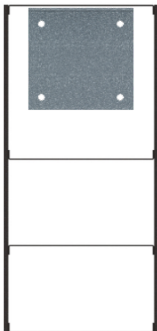
The DMM-1 Directional Microphone Module houses a premium quality condenser microphone within an acoustic enclosure designed to be co-located with a robotic camera. It can be used stand alone or in conjunction with ceiling or table mounted microphone in video conference and telepresence applications.

Descriptive Data – dimensions: 7.50 “ W x 7.50 “ H x 4.50 “ D



Vertical Frame
(camera not included)

VF-1
Vertical Frame



The VF-1 vertical wall-mount module frame is custom built to match the exact height of your specified video display. It can be populated with a variety of modules to meet the specific requirements of your project.

Descriptive Data – Dimensions: 12.00 “ W x (custom) H x 4.50 “ D

VMS 2x5
Vertical Dual Micro Sub



The VMS-2x5 is a very compact, precision sub-woofer with two 5 1/2 inch long-excursion drivers. Working in conjunction with proprietary DSP processing, it achieves maximum bass output from a minimum enclosure size. It is designed to complement the Synergy URM-1 loudspeaker module in vertical frame applications.

Descriptive Data – coverage pattern: omnidirectional
frequency response: 48 Hz – 200 Hz
max SPL: 108 dB long term, 114 dB peak
dimensions: 12.00 “ W x 13.43 “ H x 4.50 “ D