



SKY & GROUND SERIES

M3 is an Italian brand of Professional Loudspeakers Systems for Live Sound & installed applications, following the core philosophy of using Italian technology and knowledge.

Its team includes people that have provided decades of experience in design, research, touring, marketing and a life full of passion for music.

The company is based in a region called Marche, the Italian region with the highest density of theaters, where music has always played an essential role. More specifically the headquarters are located in Castelfidardo, which is the motherland of accordion and the widest Italian area of artisanal and industrial production of musical instruments and accessories.

The research and investments of some Italian companies have shaped excellence in the field of loudspeaker components. Our accurate design of every single detail, from cabinet to DSP engineering, determines the creation of artworks completely Made in Italy.





SKY6

SKY6

Single 6,5" active 2-way speaker

SKY6 loudspeaker features an innovative electro-acoustic design with an exclusively in-house developed DSP that has no parallel.

Acoustic & Components

Components are all MADE IN ITALY, as well as the birch plywood enclosure with two-component polyurethane coating. The all-Italian M3 design team equipped the SKY6 with a 6.5" neodymium coaxial woofer with 1.4" HF driver. The careful study of the cabinet and the combination between the amplifier and the transducers guarantees a 90Hz - 18kHz frequency response (-3db) with an 80° conical coverage. The Max SPL (half space) is 127dB.

Inputs & DSP

High CMRR input stage, with a proprietary circuitry, ensures extreme Low and High-frequency noise rejection, preventing interference in the audio and high frequency range (low conducted EMI).

The exclusive Italian DSP (96kHz 24bit floating point) offers a new potential: Hybrid BIQUADS-FIR tuning. Filtering with Biquads and FIR filters provides unlimited possibilities for a linear phase equalization. The rear panel features a Power inlet and outlet, Combo XLR IN and an XLR OUT plus a Pushbutton with the possibility of recalling 5 factory presets to suit every type of use.

Amplifier

Totally Made in Italy class-D amplifier offers 600W RMS for the Low frequencies + 400W RMS for the High frequencies. Each voice coil is driven by a single amplifier, the advantages of this choice are enormous in terms of tuning and control, each transducer is driven individually as a separated entity: EQ, alignment, and Dynamic control become a prerogative of each one. The use of Italian top-of-the-range amplifier, specifically chosen for the purpose, guarantees a listening experience that is always pleasant and never fatiguing. The loudspeaker features every kind of protection system: Thermal, Short Circuit, Overload.

Cabinet

The cabinet accommodates a 35 mm stand and M8 inserts for rigging; the 15/10 sheet metal grille is powder-coated with a dust-proof and moisture-proof inner lining. The handle is integrated on top of the cabinet.

SKY6

KEY FEATURES

- 6.5” neodymium coaxial speaker with 1.4” HF driver
- Frequency response 90Hz-18KHz
- 80° conical coverage
- SPL Max (half space): 127dB
- Proprietary DSP (96kHz 24bit floating point) Hybrid BIQUADS-FIR tuning
- Class-D Power amp 600+400W
- 5 presets: Natural-Speech-Wall-Dual-HP
- Birch Plywood Enclosure - RAL 7021

APPLICATIONS

- Theatre
- Conference Rooms
- Rental
- Small Venues
- System Integration

SPECIFICATIONS

ACOUSTIC SPECS

Freq.Resp. (-3dB)	90Hz - 18Khz
Max SPL (half space)	127dB
Coverage	80° H=V
LF topology	Reflex
Speaker	Coaxial neodymium LF 6.5” (Coil 2”) + HF 1.4”

ELECTRONIC SPECS

Amplifier	Class-D 1000W RMS
Amp. Protections	Thermal - Short Circuit - Overload
Pwr Supply Conn.	AC 100-240V 50/60Hz - Powercon True1 & Loop
Proprietary DSP	24bit 96Khz - Biquads & FIR Filters - Pk limiter
Preset selection	Natural - Speech - Wall - Double - HP
Input connection	1 x Analog XLR Combo input
Output connection	1 x Analog XLR output (input loop)

PHYSICAL SPECS

Cabinet & Paint	Birch Plywood - RAL 7021
Grill	Steel 15/10 Black Powder Coating
Handles	1 on top
Pole mounting	35mm
Rigging	8 x M8
Dimensions (WxHxD) mm	220x460x235
Weight	12 Kg





SKY63

SKY63

3x6,5" active 2.5-way speaker

SKY63 loudspeaker features an innovative electro-acoustic design with an exclusively in-house developed DSP that has no parallel.

Acoustic & Components

Components are all MADE IN ITALY, as well as the birch plywood enclosure with two-component polyurethane coating. The all-Italian M3 design team equipped the SKY63 with a 6.5" neodymium coaxial woofer with 1.4" HF driver and 2x6.5" ferrite woofers. The second woofers, dedicated to the Low-mids, allow a greater extension and control at low frequencies, taking care of the first 2 octaves. The main coaxial transducer, relieved from the difficult task of reproducing the very low frequencies, increases the power handling with a drastic reduction in the overall system distortion. The careful study of the cabinet and the combination between the amplifier and the transducers guarantees an 85Hz - 18kHz frequency response (-3db) with an 80° conical coverage. The Max SPL (half space) is 130dB.

Inputs & DSP

High CMRR input stage, with a proprietary circuitry, ensures extreme Low and High-frequency noise rejection, preventing interference in the audio and high frequency range (low conducted EMI).

The exclusive Italian DSP (96kHz 24bit floating point) offers a new potential: Hybrid BIQUADS-FIR tuning. Filtering with Biquads and FIR filters provides unlimited possibilities for a linear phase equalization. The rear panel features a Power inlet and outlet, Combo XLR IN and an XLR OUT plus a Pushbutton with the possibility of recalling 5 factory presets to suit every type of use.

Amplifier

Totally Made in Italy class-D amplifier offers 2400W RMS distributed to the drivers. Each voice coil is driven by a single amplifier, the advantages of this choice are enormous in terms of tuning and control, each transducer is driven individually as a separated entity: EQ, alignment, and Dynamic control become a prerogative of each one. The use of Italian top-of-the-range amplifier, specifically chosen for the purpose, guarantees a listening experience that is always pleasant and never fatiguing. The loudspeaker features every kind of protection system: Thermal, Short Circuit, Overload.

Cabinet

The cabinet accommodates a 35 mm stand and M8 inserts for rigging; the 15/10 sheet metal grille is powder-coated with a dust-proof and moisture-proof inner lining. The handle is integrated on top of the cabinet.

SKY63

KEY FEATURES

- 6.5" neodymium coaxial speaker with 1.4" HF driver + 2x6,5" ferrite woofers
- Frequency response 85Hz-18KHz
- 80° conical coverage
- SPL Max (half space): 130dB
- Proprietary DSP (96kHz 24bit floating point) Hybrid BIQUADS-FIR tuning
- Class-D Power amp 2400W
- 5 presets: Natural-Speech-Wall-Dual-HP
- Birch Plywood Enclosure - RAL 7021

APPLICATIONS

- Theatre
- Conference Rooms
- Rental
- Medium Venues
- System Integration

SPECIFICATIONS

ACOUSTIC SPECS

Freq.Resp. (-3dB)	85Hz - 18Khz
Max SPL (half space)	130dB
Coverage	80° H=V
LF Topology	Reflex
Main Speaker	Coaxial neodymium LF 6.5" (Coil 2") + HF 1.4"
Aux Speakers	2 x 6.5" Ferrite Woofers

ELECTRONIC SPECS

Amplifier	Class-D 2400W RMS
Amp. Protections	Thermal - Short Circuit - Overload
Pwr Supply Conn.	AC 100-240V 50/60Hz - Powercon True1 & Loop
Proprietary DSP	24bit 96Khz - Biquads & FIR Filters - Pk limiter
Preset selection	Natural - Speech - Wall - Double - HP
Input connection	1 x Analog XLR Combo input
Output connection	1 x Analog XLR output (input loop)

PHYSICAL SPECS

Cabinet & Paint	Birch Plywood - RAL 7021
Grill	Steel 15/10 Black Powder Coating
Handles	1 on top
Pole mounting	35mm
Rigging	8 x M8
Dimensions (WxHxD) mm	220x640x235
Weight	16.1 Kg





SKY210

SKY210

2x10" active 2.5-way speaker

SKY210 loudspeaker features an innovative electro-acoustic design with an exclusively in-house developed DSP that has no parallel.

Acoustic & Components

Components are all MADE IN ITALY, as well as the birch plywood enclosure with two-component polyurethane coating. The all-Italian M3 design team equipped the SKY210 with a 10" neodymium coaxial woofer with 2.5" HF driver and 1x10" neodymium woofer. The second woofer, dedicated to the Low-mids, allows a greater extension and control at low frequencies, taking care of the first 2 octaves. The main coaxial transducer, relieved from the difficult task of reproducing the very low frequencies, increases the power handling with a drastic reduction in the overall system distortion. The careful study of the cabinet and the combination between the amplifier and the transducers guarantees a 65Hz - 18kHz frequency response (-3db) with an 80° conical coverage. The Max SPL (half space) is 134dB.

Inputs & DSP

High CMRR input stage, with a proprietary circuitry, ensures extreme Low and High-frequency noise rejection, preventing interference in the audio and high frequency range (low conducted EMI).

The exclusive Italian DSP (96kHz 24bit floating point) offers a new potential: Hybrid BIQUADS-FIR tuning. Filtering with Biquads and FIR filters provides unlimited possibilities for a linear phase equalization. The rear panel features a Power inlet and outlet, Combo XLR IN and an XLR OUT plus a Pushbutton with the possibility of recalling 5 factory presets to suit every type of use.

Amplifier

Totally Made in Italy class-D amplifier offers 2400W RMS distributed to the drivers. Each voice coil is driven by a single amplifier, the advantages of this choice are enormous in terms of tuning and control, each transducer is driven individually as a separated entity: EQ, alignment, and Dynamic control become a prerogative of each one. The use of Italian top-of-the-range amplifier, specifically chosen for the purpose, guarantees a listening experience that is always pleasant and never fatiguing. The loudspeaker features every kind of protection system: Thermal, Short Circuit, Overload.

Cabinet

The cabinet accommodates a 35 mm stand and M8 inserts for rigging; the 15/10 sheet metal grille is powder-coated with a dust-proof and moisture-proof inner lining. The handle is integrated on top of the cabinet.

SKY210

KEY FEATURES

- 10" neodymium coaxial speaker with 2.5" HF driver + 1x10" neodymium woofer
- Frequency response 65Hz-18KHz
- 80° conical coverage
- SPL Max (half space): 134dB
- Proprietary DSP (96kHz 24bit floating point) Hybrid BIQUADS-FIR tuning
- Class-D Power amp 2400W
- 5 presets: Natural-Speech-Wall-Dual-HP
- Birch Plywood Enclosure - RAL 7021

APPLICATIONS

- Theatre
- Touring
- Rental
- Medium Venues
- System Integration

SPECIFICATIONS

ACOUSTIC SPECS

Freq.Resp. (-3dB)	65Hz - 18Khz
Max SPL (half space)	134dB
Coverage	80° H=V
LF topology	Reflex
Main Speaker	Coaxial neodymium LF 10" (Coil 2.5") + HF 2.5"
Aux Speakers	1 x 10" Neodymium Woofer

ELECTRONIC SPECS

Amplifier	Class-D 2400W RMS
Amp. Protections	Thermal - Short Circuit - Overload
Pwr Supply Conn.	AC 100-240V 50/60Hz - Powercon True1 & Loop
Proprietary DSP	24bit 96Khz - Biquads & FIR Filters - Pk limiter
Preset selection	Natural - Speech - Wall - Double - HP
Input connection	1 x Analog XLR Combo input
Output connection	1 x Analog XLR output (input loop)

PHYSICAL SPECS

Cabinet & Paint	Birch Plywood - RAL 7021
Grill	Steel 15/10 Black Powder Coating
Handles	1 on top
Pole mounting	35mm
Rigging	8 x M8
Dimensions (WxHxD) mm	280x630x400
Weight	26.5 Kg





SKY214

SKY214

2x14" active 2.5-way speaker

SKY214 loudspeaker features an innovative electro-acoustic design with an exclusively in-house developed DSP that has no parallel.

Acoustic & Components

Components are all MADE IN ITALY, as well as the birch plywood enclosure with two-component polyurethane coating. The all-Italian M3 design team equipped the SKY214 with a 14" neodymium coaxial woofer with 3" HF driver and 1x14" neodymium woofer. The second woofer, dedicated to the Low-mids, allows a greater extension and control at low frequencies, taking care of the first 2 octaves. The main coaxial transducer, relieved from the difficult task of reproducing the very low frequencies, increases the power handling with a drastic reduction in the overall system distortion. The careful study of the cabinet and the combination between the amplifier and the transducers guarantees a 50Hz - 18kHz frequency response (-3db) with an 80° conical coverage. The Max SPL (half space) is 139dB.

Inputs & DSP

High CMRR input stage, with a proprietary circuitry, ensures extreme Low and High-frequency noise rejection, preventing interference in the audio and high frequency range (low conducted EMI).

The exclusive Italian DSP (96kHz 24bit floating point) offers a new potential: Hybrid BIQUADS-FIR tuning. Filtering with Biquads and FIR filters provides unlimited possibilities for a linear phase equalization. The rear panel features a Power inlet and outlet, Combo XLR IN and an XLR OUT plus a Pushbutton with the possibility of recalling 5 factory presets to suit every type of use.

Amplifier

Totally Made in Italy class-D amplifier offers 2400W RMS distributed to the drivers. Each voice coil is driven by a single amplifier, the advantages of this choice are enormous in terms of tuning and control, each transducer is driven individually as a separated entity: EQ, alignment, and Dynamic control become a prerogative of each one. The use of Italian top-of-the-range amplifier, specifically chosen for the purpose, guarantees a listening experience that is always pleasant and never fatiguing. The loudspeaker features every kind of protection system: Thermal, Short Circuit, Overload.

Cabinet

The cabinet accommodates a 35 mm stand and M8 inserts for rigging; the 15/10 sheet metal grille is powder-coated with a dust-proof and moisture-proof inner lining. The handles are integrated on the sides of the cabinet.

SKY214

KEY FEATURES

14" neodymium coaxial speaker with 3" HF driver + 1x14" neodymium woofer
Frequency response 50Hz-18KHz
80° conical coverage
SPL Max (half space): 139dB
Proprietary DSP (96kHz 24bit floating point) Hybrid BIQUADS-FIR tuning
Class-D Power amp 2400W
5 presets: Natural-Speech-Wall-Dual-HP
Birch Plywood Enclosure – RAL 7021

APPLICATIONS

- Theatre
- Touring
- Rental
- Large Venues
- System Integration

SPECIFICATIONS

ACOUSTIC SPECS

Freq.Resp. (-3dB)	50Hz – 18Khz
Max SPL (half space)	139dB
Coverage	80° H=V
LF Topology	Reflex
Main Speaker	Coaxial neodymium LF 14" (Coil 3") + HF 3"
Aux Speakers	1 x 14" Neodymium Woofer

ELECTRONIC SPECS

Amplifier	Class-D 2400W RMS
Amp. Protections	Thermal - Short Circuit - Overload
Pwr Supply Conn.	AC 100-240V 50/60Hz - Powercon True1 & Loop
Proprietary DSP	24bit 96Khz - Biquads & FIR Filters - Pk limiter
Preset selection	Natural - Speech - Wall - Double - HP
Input connection	1 x Analog XLR Combo input
Output connection	1 x Analog XLR output (input loop)

PHYSICAL SPECS

Cabinet & Paint	Birch Plywood - RAL 7021
Grill	Steel 15/10 Black Powder Coating
Handles	2 side handles
Pole mounting	35mm
Rigging	6 x M10
Dimensions (WxHxD) mm	370x880x420
Weight	34.9 Kg





GROUND15

GROUND15

15" Active Subwoofer

GROUND 15 subwoofer features an innovative electro-acoustic design with an exclusively in-house developed DSP that has no parallel.

Acoustic & Components

Components are all MADE IN ITALY, as well as the birch plywood enclosure with two-component polyurethane coating. The all-Italian M3 design team equipped the GROUND15 with a 15" neodymium woofer; the woofer is angled to minimize space requirements while maintaining the tuning for a defined and powerful punching sound. The careful study of the cabinet and the combination between the amplifier and the transducers guarantees a 36Hz - 100Hz frequency response (-3db) with a 136dB Max SPL (half space).

Inputs & DSP

High CMRR input stage, with a proprietary circuitry, ensures extreme Low and High-frequency noise rejection, preventing interference in the audio and high frequency range (low conducted EMI).

The exclusive Italian DSP (96kHz 24bit floating point) offers a new potential: Hybrid BIQUADS-FIR tuning, i.e. processing with Biquads and FIR filters providing unlimited possibilities for a linear phase equalization.

The rear panel features a Power inlet and outlet, 2x Combo XLR IN and an 2 x XLR OUT plus a Pushbutton with the possibility of recalling 5 factory presets to suit every type of use.

Amplifier

Totally Made in Italy class-D amplifier offers 2400W RMS. The use of Italian top-of-the-range amplifier, specifically chosen for the purpose, guarantees a listening experience that is always pleasant and never fatiguing.

The loudspeaker features every kind of protection system: Thermal, Short Circuit, Overload.

Cabinet

The cabinet accommodates an M20 threaded insert; the 15/10 sheet metal grille is powder-coated with a dust-proof and moisture-proof inner lining. The handles are integrated on the sides of the cabinet.

KEY FEATURES

15" neodymium Woofer
SPL Max (half space): 136dB
Proprietary DSP (96kHz 24bit floating point) Hybrid BIQUADS-FIR tuning
Class-D Power amp 2400W
5 presets: Natural-Punch-Cardioid-Sky210/GND18-Sky6/Sky63
Birch Plywood Enclosure - RAL 7021

APPLICATIONS

- Theatre
- Conference Rooms
- Rental
- Medium Venues
- System Integration

SPECIFICATIONS

ACOUSTIC SPECS

Freq.Resp. (-3dB)	36Hz - 100Hz
Max SPL (half space)	136dB
Coverage	Omni
Topology	Semi Horn Reflex
Speaker	Single neodymium 15" Woofer

ELECTRONIC SPECS

Amplifier	Class-D 2400W RMS
Amp. Protections	Thermal - Short Circuit - Overload
Pwr Supply Conn.	AC 100-240V 50/60Hz - Powercon True1 & Loop
Proprietary DSP	24bit 96Khz - Biquads & FIR Filters - Pk limiter
Preset selection	Natural-Punch-Cardioid-Sky210/GND18-Sky6/Sky63
Input connection	2 x Analog XLR Combo input
Output connection	2 x Analog XLR output (input loop)

PHYSICAL SPECS

Cabinet & Paint	Birch Plywood - RAL 7021
Grill	Steel 15/10 Black Powder Coating
Handles	2 on the sides
Pole mounting	1xM20 threaded insert
Rigging	no
Dimensions (WxHxD) mm	410x600x585
Weight	35 Kg





GROUND18

GROUND18

18" Active Subwoofer

GROUND 18 subwoofer features an innovative electro-acoustic design with an exclusively in-house developed DSP that has no parallel.

Acoustic & Components

Components are all MADE IN ITALY, as well as the birch plywood enclosure with two-component polyurethane coating.

The all-Italian M3 design team equipped the GROUND18 with a 18" neodymium woofer; the woofer is angled to minimize space requirements while maintaining the tuning for a defined and powerful punching sound. The careful study of the cabinet and the combination between the amplifier and the transducers guarantees a 28Hz - 100Hz frequency response (-3db) with a 139dB Max SPL (half space).

Inputs & DSP

High CMRR input stage, with a proprietary circuitry, ensures extreme Low and High-frequency noise rejection, preventing interference in the audio and high frequency range (low conducted EMI).

The exclusive Italian DSP (96kHz 24bit floating point) offers a new potential: Hybrid BIQUADS-FIR tuning, i.e. processing with Biquads and FIR filters providing unlimited possibilities for a linear phase equalization.

The rear panel features a Power inlet and outlet, 2x Combo XLR IN and an 2 x XLR OUT plus a Pushbutton with the possibility of recalling 5 factory presets to suit every type of use.

Amplifier

Totally Made in Italy class-D amplifier offers 2400W RMS. The use of Italian top-of-the-range amplifier, specifically chosen for the purpose, guarantees a listening experience that is always pleasant and never fatiguing. The loudspeaker features every kind of protection system: Thermal, Short Circuit, Overload.

Cabinet

The cabinet accommodates an M20 threaded insert; the 15/10 sheet metal grille is powder-coated with a dust-proof and moisture-proof inner lining. The handles are integrated on the sides of the cabinet.

KEY FEATURES

18" neodymium Woofer
SPL Max (half space): 139dB
Proprietary DSP (96kHz 24bit floating point) Hybrid BIQUADS-FIR tuning
Class-D Power amp 2400W
5 presets: Natural-Punch-Cardioid-Sky210-Sky214
Birch Plywood Enclosure - RAL 7021

APPLICATIONS

- Theatre
- Touring
- Rental
- Large Venues
- System Integration

SPECIFICATIONS

ACOUSTIC SPECS

Freq.Resp. (-3dB)	28Hz - 100Hz
Max SPL (half space)	139dB
Coverage	Omni
Topology	Semi Horn Reflex
Speaker	Single neodymium 18" Woofer

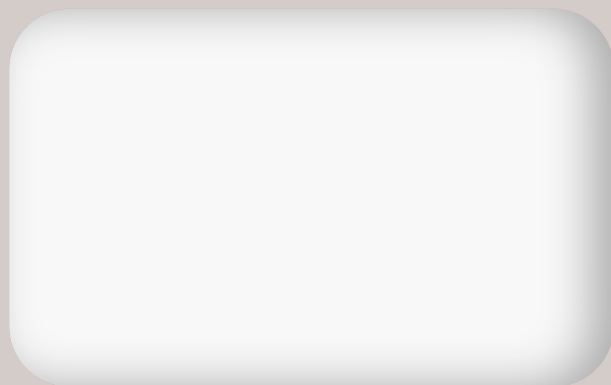
ELECTRONIC SPECS

Amplifier	Class-D 2400W RMS
Amp. Protections	Thermal - Short Circuit - Overload
Pwr Supply Conn.	AC 100-240V 50/60Hz - Powercon True1 & Loop
Proprietary DSP	24bit 96Khz - Biquads & FIR Filters - Pk limiter
Preset selection	Natural-Punch-Cardioid-Sky210-Sky214
Input connection	2 x Analog XLR Combo input
Output connection	2 x Analog XLR output (input loop)

PHYSICAL SPECS

Cabinet & Paint	Birch Plywood - RAL 7021
Grill	Steel 15/10 Black Powder Coating
Handles	2 on the sides
Pole mounting	1xM20 threaded insert
Rigging	no
Dimensions (WxHxD) mm	580x600x585
Weight	45 Kg





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