



MARTIN LOGAN



35  
YEARS  
1983 - 2018



# The Next Generation of **Dynamo**<sup>™</sup> Subwoofer Systems

Dynamo **1600X**  
Dynamo **1100X**  
Dynamo **800X**  
Dynamo **600X**  
Dynamo **400**

[martinlogan.com](http://martinlogan.com)

## MARTINLOGAN'S NEW LINE OF GROUND-BREAKING SUBWOOFERS.

Featuring powerful amplifiers and audiophile grade woofers, extensive input options, wireless connectivity, control via a Bluetooth app, Anthem Room Correction (ARC®), and user-configurable front- or down-firing designs, these Dynamo subwoofers represent the most advanced, high-performance, affordable subwoofer systems ever brought to market. Dramatic bass detail and attack, superb extension, and room-shaking output ensure a compelling music and home theater experience.

Advanced-technology inverted surround woofers pair a powerful magnet structure with a rigid, lightweight diaphragm, and powerful amplifiers to deliver huge excursion and sound output while perfectly preserving the most subtle bass details. RCA, XLR, speaker level, and wireless signal connectivity offer the most flexible array of input options available today. Putting control in the listener's hands, iOS and Android subwoofer control apps allow precise configuration of subwoofer settings while industry leading Anthem Room Correction (ARC) guarantees an accurate bass performance custom tailored to each unique listening room.



Dynamo 400



Dynamo 600X



Dynamo 800X



Dynamo 1100X



Dynamo 1600X



### OPTIONAL SWT-X WIRELESS INPUT

Dynamo 600X, 800X, 1100X, and 1600X include a connection port for an optional wireless system. The SWT-X Wireless Subwoofer System (sold separately) incorporates the latest in wireless audio transmission technology, including 2.4GHz dynamic frequency selection, forward error correction, and a range up to 50 feet. Easy to install in the subwoofer, the SWT-X receiver requires no external power source or audio connections.



### HIGH-EXCURSION, LOW-TURBULENCE, INVERTED SURROUND WOOFERS

Dynamo subwoofers feature advanced-design woofers with inverted surrounds and powerful magnet, motor, and suspension designs. High-power magnet structures (significantly more robust than previous generations) pair with low-mass diaphragms to provide massive excursions while perfectly preserving the tiniest bass detail.



### BUILT-IN ETC (ENERGY TRANSFER COUPLER) SPIKES

Dynamo 800X, 1100X, and 1600X come with custom ETC spikes which can be used to enhance stability on thick carpets, or create tighter coupling between subwoofer and floor to enhance overall sound quality. The built-in spikes are conveniently and discretely hidden underneath the rubber feet.



### **UNIQUE FRONT-FIRING OR DOWN-FIRING DESIGN**

When placed inside of a cabinet or other discreet location, *Dynamo 800X*, *1100X*, and *1600X* subwoofers can easily convert from standard down-firing to front-firing orientation. A grille is provided for use in front-firing applications.







## MARTINLOGAN SUBWOOFER CONTROL APP

Available for iOS & Android



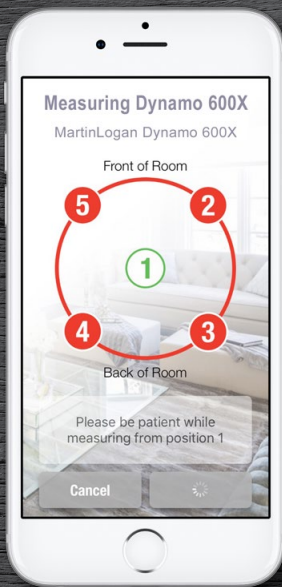
The MartinLogan Subwoofer Control app uses a Bluetooth connection to simplify setup and configuration of *Dynamo 600X*, *800X*, *1100X*, and *1600X*. App based controls include volume level, low-pass filter (frequency and order), phase, 20–30Hz level, three preset listening modes, and a tone sweep feature.

## ARC))) ANTHEM<sup>®</sup> ROOM CORRECTION

Available for PC, iOS, & Android



The unique size and shape of a listening space (and its contents) can make bass waves do unpredictable things, greatly affecting a subwoofer's performance. Anthem Room Correction (ARC) measures low-frequency sound output in a room and compares it to optimal response curves that account for spatial anomalies. ARC effectively removes anomalies, leaving only the ideal standard—realistically blended, natural-sounding bass. *Dynamo 600X*, *800X*, *1100X*, and *1600X* utilize a Bluetooth connection with a smart phone or USB to PC connection to run ARC.



Designed for exceptional performance in music and home theater applications, Dynamo subwoofer systems offer an extremely comprehensive array of connections.

### LEFT AND RIGHT 2-CHANNEL INPUTS

All five new Dynamo subwoofers feature left and right input via RCA line level and speaker level connections.

### LFE HOME THEATER INPUT

*Dynamo 400* and *600X*'s right input doubles as an LFE input for home theater applications. *Dynamo 800X* ups the ante by adding a discrete LFE RCA line level input. *Dynamo 1100X* and *1600X* go one step further by adding both XLR and RCA inputs for LFE connection.

### 12V TRIGGER INPUT

*Dynamo 800X*, *1100X*, and *1600X* feature 12V Trigger Inputs, allowing an external device to turn the subwoofer on/off.

### SIMULTANEOUS LFE AND 2-CHANNEL CONNECTIONS

Robust connection and control systems found in the *Dynamo 800X*, *1100X*, and *1600X* allow simultaneous connection of both 2-channel stereo music and multi-channel home theater and allows each source to have individual crossover and level settings. LFE inputs use no low-pass filter, leaving crossover control to the processor. Left and right inputs integrate discrete user-adjustable low-pass filters allowing different level and crossover points when playing back two channel music.



## Dynamo 400

### System Frequency Response

30–200 Hz  $\pm$ 3 dB. Anechoic in LFE mode.

### Low Frequency Transducer

8" (20.3cm) high-excursion, inverted surround, polypropylene cone in a stamped steel basket with extended throw driver assembly. Ported.

### Amplifier

75 Watts (150 peak)

### Software

N/A

### Controls (Backplate)

Level: Min–Max

Low-Pass Filter: 35–120Hz, Bypass

Phase: 0°, 180°

Power Mode: On, Auto

### Controls (via Bluetooth)

N/A

### Inputs (Audio)

Line Level: Left, Right/LFE

Speaker Level: Left and Right via banana jacks

### Input (Audio, Wireless)

N/A

### Inputs (Other)

N/A

### Input Impedance

RCA: 8,300 Ohms

Speaker Level: 2,000 Ohms (red to black)

### Room Correction

N/A

### Power Draw

Typical: 20W, Max: 90W, Idle: 4W, Standby: 0.5W

### Feet

Rubber

### Weight

28.5 lbs. each (12.9 kg)

### Dimensions (HxWxD), Front-Firing

N/A

### Dimensions (HxWxD), Down-Firing

15.2 x 13.3 x 13.7 inches (38.5 x 33.7 x 34.8 cm)

### Finish

Satin Black

## Dynamo 600X

### System Frequency Response

27–200 Hz  $\pm$ 3 dB. Anechoic in LFE mode.

### Low Frequency Transducer

10" (25.4cm) high-excursion, inverted surround, polypropylene cone in a stamped steel basket with extended throw driver assembly. Ported.

### Amplifier

120 Watts (240 peak)

### Software

Sub Control App: iOS and Android

Anthem Room Correction: iOS, Android, and PC

### Controls (Backplate)

Level: Min–Max

Setting Control: Local, App

Power Mode: On, Auto

### Controls (via Bluetooth)

Level: -40 to 12dB

Low-Pass Filter (Frequency): 35–120Hz

Low-Pass Filter (Order): Bypass, Third, Fourth

Phase: 0–180° (1° Increments)

Phase (Polarity): Normal, Inverted

Preset Listening Modes: Music, Night, Movie

20–30Hz Level:  $\pm$ 10dB

Anthem Room Correction (ARC): On, Off

Tone Sweep (20–120Hz): On, Off, Pause (Frequency)

### Inputs (Audio)

Line Level: Left, Right/LFE

Speaker Level: Left and Right via banana jacks

### Input (Audio, Wireless)

SWT-X Receiver & Transmitter (sold separately)

### Inputs (Other)

USB: Micro USB (for ARC/Firmware Update)

### Input Impedance

RCA: 8,300 Ohms

Speaker Level: 2,000 Ohms (red to black)

### Room Correction

Anthem Room Correction (ARC)

### Power Draw

Typical: 30W, Max: 150W, Idle: 4W, Standby: 0.5W

### Feet

Rubber

### Weight

35.5 lbs. each (16.1 kg)

### Dimensions (HxWxD), Front-Firing

N/A

### Dimensions (HxWxD), Down-Firing

16.3 x 14.5 x 14.9 inches (41.5 x 36.7 x 37.8 cm)

### Finish

Satin Black

## Dynamo 800X

### System Frequency Response

24–200 Hz  $\pm$ 3 dB. Anechoic in LFE mode.

### Low Frequency Transducer

10" (25.4cm) high-excursion, inverted surround, polypropylene cone in a stamped steel basket with extended throw driver assembly; sealed non-resonant cabinet design.

### Amplifier

300 Watts (600 peak)

### Software

Sub Control App: iOS and Android

Anthem Room Correction: iOS, Android, and PC

### Controls (Backplate)

Level: Min–Max

Setting Control: Local, App

Power Mode: On, Trigger, Auto

### Controls (via Bluetooth)

Level: -40 to 12dB

Low-Pass Filter (Frequency): 35–120Hz

Low-Pass Filter (Order): Bypass, Third, Fourth

Phase: 0–180° (1° Increments)

Phase (Polarity): Normal, Inverted

Preset Listening Modes: Music, Night, Movie

20–30Hz Level:  $\pm$ 10dB

Anthem Room Correction (ARC): On, Off

Tone Sweep (20–120Hz): On, Off, Pause (Frequency)

### Inputs (Audio)

Line Level: Left, Right, and LFE

Speaker Level: Left and Right via banana jacks

### Input (Audio, Wireless)

SWT-X Receiver & Transmitter (sold separately)

### Inputs (Other)

USB: Micro USB (for ARC/Firmware Update)

Trigger: 3.5mm, 5–24 DC

### Input Impedance

RCA: 8,300 Ohms

Speaker Level: 2,000 Ohms (red to black)

### Room Correction

Anthem Room Correction (ARC)

### Power Draw

Typical: 70W, Max: 360W, Idle: 10W, Standby: 0.5W

### Feet

Rubber, ETC (Energy Transfer Coupler) Spikes

### Weight

30 lbs. each (13.6 kg)

### Dimensions (HxWxD), Front-Firing

14.6 x 12.4 x 12.7 inches (37.1 x 31.5 x 32.4 cm)

### Dimensions (HxWxD), Down-Firing

13.7 x 12.4 x 13.1 inches (34.8 x 31.5 x 33.3 cm)

### Finish

Satin Black

## Dynamo 1100X

### System Frequency Response

22–200 Hz  $\pm$ 3 dB. Anechoic in LFE mode.

### Low Frequency Transducer

12" (30.5cm) high-excursion, inverted surround, polypropylene cone in a cast aluminum basket with extended throw driver assembly; sealed non-resonant cabinet design.

### Amplifier

650 Watts (1,300 peak)

### Software

Sub Control App: iOS and Android

Anthem Room Correction: iOS, Android, and PC

### Controls (Backplate)

Level: Min–Max

Setting Control: Local, App

Power Mode: On, Trigger, Auto

### Controls (via Bluetooth)

Level: -40 to 12dB

Low-Pass Filter (Frequency): 35–120Hz

Low-Pass Filter (Order): Bypass, Third, Fourth

Phase: 0–180° (1° Increments)

Phase (Polarity): Normal, Inverted

Preset Listening Modes: Music, Night, Movie

20–30Hz Level:  $\pm$ 10dB

Anthem Room Correction (ARC): On, Off

Tone Sweep (20–120Hz): On, Off, Pause (Frequency)

### Inputs (Audio)

Line Level: Left, Right, and LFE

Speaker Level: Left and Right via banana jacks

XLR: LFE

### Input (Audio, Wireless)

SWT-X Receiver & Transmitter (sold separately)

### Inputs (Other)

USB: Micro USB (for ARC/Firmware Update)

Trigger: 3.5mm, 5–24 DC

### Input Impedance

RCA: 8,300 Ohms

Speaker Level: 2,000 Ohms (red to black)

XLR: 28,000 Ohms (pin 2 to 3)

### Room Correction

Anthem Room Correction (ARC)

### Power Draw

Typical: 100W, Max: 600W, Idle: 15W, Standby: 0.5W

### Feet

Rubber, ETC (Energy Transfer Coupler) Spikes

### Weight

46 lbs. each (20.9 kg)

### Dimensions (HxWxD), Front-Firing

17.2 x 15 x 16.2 inches (43.6 x 38 x 41.1 cm)

### Dimensions (HxWxD), Down-Firing

17.1 x 15 x 15.6 inches (43.5 x 38 x 39.6 cm)

### Finish

Satin Black

## Dynamo 1600X

### System Frequency Response

20–200 Hz  $\pm$ 3 dB. Anechoic in LFE mode.

### Low Frequency Transducer

15" (38.1cm) high-excursion, inverted surround, polypropylene cone in a cast aluminum basket with extended throw driver assembly; sealed non-resonant cabinet design.

### Amplifier

900 Watts (1,800 peak)

### Software

Sub Control App: iOS and Android

Anthem Room Correction: iOS, Android, and PC

### Controls (Backplate)

Level: Min–Max

Setting Control: Local, App

Power Mode: On, Trigger, Auto

### Controls (via Bluetooth)

Level: -40 to 12dB

Low-Pass Filter (Frequency): 35–120Hz

Low-Pass Filter (Order): Bypass, Third, Fourth

Phase: 0–180° (1° Increments)

Phase (Polarity): Normal, Inverted

Preset Listening Modes: Music, Night, Movie

20–30Hz Level:  $\pm$ 10dB

Anthem Room Correction (ARC): On, Off

Tone Sweep (20–120Hz): On, Off, Pause (Frequency)

### Inputs (Audio)

Line Level: Left, Right, and LFE

Speaker Level: Left and Right via banana jacks

XLR: LFE

### Input (Audio, Wireless)

SWT-X Receiver & Transmitter (sold separately)

### Inputs (Other)

USB: Micro USB (for ARC/Firmware Update)

Trigger: 3.5mm, 5–24 DC

### Input Impedance

RCA: 8,300 Ohms

Speaker Level: 2,000 Ohms (red to black)

XLR: 28,000 Ohms (pin 2 to 3)

### Room Correction

Anthem Room Correction (ARC)

### Power Draw

Typical: 125W, Max: 800W, Idle: 15W, Standby: 0.5W

### Feet

Rubber, ETC (Energy Transfer Coupler) Spikes

### Weight

57 lbs. each (25.9 kg)

### Dimensions (HxWxD), Front-Firing

20.1 x 17.9 x 19.1 inches (51 x 45.4 x 48.6 cm)

### Dimensions (HxWxD), Down-Firing

20 x 17.9 x 18.5 inches (50.9 x 45.4 x 47 cm)

### Finish

Satin Black