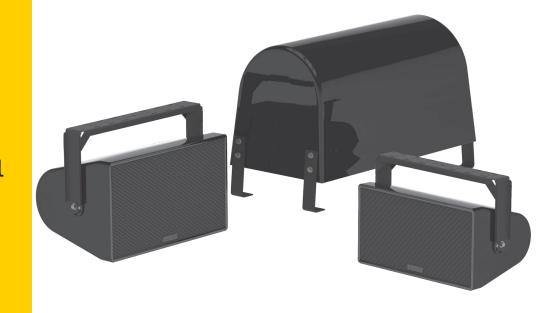# W SERIES

Premium Quality
All-Weather/All-Purpose
Loudspeakers

WX
Installation and
Operation Manual

Models

12" Full-range two-way:
WX-1226 • WX-1264 • WX-1266
WX-1294 • WX-1296 • WX-1299

15" Full-range two-way:
WX-1526 • WX-1564 • WX-1566
WX-1594 • WX-1596 • WX-1599

Dual 18" Subwoofer:
WX-218SDF

Community®

communitypro.com

IMPORTANT SAFETY INSTRUCTIONS

Always follow these basic safety precautions when using or installing WX loudspeakers and accessories:

Read these instructions prior to assembly.

Keep these instructions for reference.

Heed all warnings.

Follow all instructions, particularly those pertaining to rigging, mounting, hanging and electrical connections.

Only use attachments and accessories that are specified and approved by the manufacturer.

Refer all servicing to qualified service personnel.

The terms caution, warning, and danger may be used in this manual to alert the reader to important safety considerations. If you have any questions or do not understand the meaning of these terms, do not proceed with installation. Contact your local dealer, distributor, or call Community directly for assistance. These terms are defined as:

CAUTION: Describes an operating condition or user action that may expose the equipment or user to potential damage or danger.

WARNING: Describes an operating condition or user action that will likely cause damage to the equipment or injury to the user or to others in the vicinity.

DANGER: Describes an operating condition or user action that will immediately damage the equipment and/or be extremely dangerous or life threatening to the user or to others in the vicinity.

These servicing instructions are for use by qualified service personnel only. To reduce the risk of fire or electric shock do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

RIGGING AND ELECTRICAL SAFETY

DANGER: The loudspeakers described in this manual are designed and intended to be 'flown' or suspended using a variety of rigging hardware, means, and methods. Installation of loudspeakers should only be performed by trained and qualified personnel. It is strongly recommended that a licensed and certified professional structural engineer approve the mounting design. Severe injury and/or loss of life may occur if these products are improperly installed! All electrical connections must conform to applicable electrical codes.

DANGER: WX rigging fittings are rated at a Working Load Limit of 200 lbs (90.7 kg) with a 10:1 safety margin. No single rigging fitting should ever be subjected to a load that is greater than 200 lbs. Failure to heed this warning could result in injury or death!

IMPORTANT: Refer to the sections on installation and connections later in this manual for additional information on rigging and electrical safety.

DANGER: It is possible to experience severe electrical shock from a power amplifier. Always make sure that all power amplifiers are in the "OFF" position and unplugged from an AC Mains supply before performing electrical work.

CAUTION: Installation of WX loudspeakers should only be performed by trained and qualified personnel. It is strongly recommended that a licensed and certified professional structural engineer approve the mounting. Severe injury and/or loss of life may occur if this product is improperly installed.

TABLE OF CONTENTS

INTRODUCTION

Thank you for your selection of Community's WET W SERIES Loudspeakers.

This manual is intended to help you install and use WX loudspeakers safely and effectively. It provides useful information to help you obtain the best performance, sound quality, and reliability from your WX system. We recommend that you read the entire manual before beginning your installation.

WX FEATURES / TECHNOLOGY

W SERIES loudspeakers offer numerous features and technologies that provide unprecedented sonic quality and installation flexibility. Some of these include:

• Unique two-way, full-range loudspeakers with advanced passive crossover technology

• All models are weather-resistant, suitable for outdoor direct exposure

• All-weather, multi-layer glass composite shell over 18mm (7-layer) marine grade plywood interior

• Protective 304 stainless steel grilles and mounting brackets are covered with a rugged, zinc-rich dual-layer powder-coat finish for superior resistance to corrosion and appearance changes

• Zinc-rich dual-layer powder-coated 304 stainless steel mounting bracket(s) included

• Stainless steel hardware

• All models are available in black or white; custom colors are also available

• Rotatable horn pattern (in applicable models)

• Large format waveguide delivers excellent pattern control

• 1.4" (36 mm) exit / 2.87" (72.2 mm) VC HF compression driver (12-and 15-inch models)

• Available with built-in 400W autoformer for 70.7V / 100V applications

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UNPACKING AND INSPECTION

Community WX loudspeakers are engineered and manufactured to be rugged and they are carefully packed in sturdy cartons. Make sure that the number of cartons shown on the freight documents have actually been delivered. It is wise to thoroughly inspect each unit after it has been removed from the packaging, as damage could occur during shipping.

Please note that once the shipment has left your dealer location or the Community factory, the responsibility for damage is always borne by the freight company. If damage has occurred during shipping, you must file a claim directly with the freight company. It's very important to contact the freight company as soon as possible after receiving your shipment, as most freight companies have a short time limit within which they will investigate claims. Be sure to save the carton and the packing material, as most claims will be denied if these materials are not retained. Your Community dealer and the factory will try to help in any way they can, but it is the responsibility of the party receiving the shipment to file the damage claim.

It is always a good idea to retain the carton and packing materials indefinitely, if possible, in the event that the unit may need to be returned to your dealer or distributor for repair in the future.

IN THE CARTON

12-INCH AND 15-INCH MODELS: Each shipping carton contains the following items:

- One (1) WX loudspeaker
- One (1) 304 stainless steel zinc-rich dual-layer powder-coated horizontal mounting bracket
- One (1) operation and installation manual
- One (1) warranty card
- Mounting hardware: 1/2"-13 x 2" hex bolts (x3), 1/2" lock washers (x3), 1/2" flat washers (x3), 1/4" hex bolts (x2), 1/4" lock washers (x2), 1/4" flat washers (x2), 2" OD rubber gaskets (x3), and 1/4" rubber gaskets (x2). Hardware is SS unless otherwise noted.

SUBWOOFER: Each shipping carton contains the following items:

- One (1) WX subwoofer
- One set of four (4) zinc-rich dual-layer powder-coated steel mounting brackets
- One (1) operation and installation manual
- One (1) warranty card
- Mounting hardware: 1/2"-13 x 2" hex bolts (x8), 1/2" lock washers (x8), 1/2" flat washers (x8), and 2" OD rubber flat washers (x8). Hardware is SS unless otherwise noted.
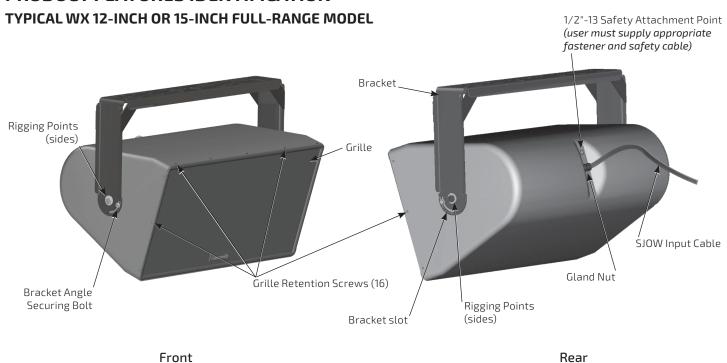
SYSTEM INFORMATION

PHYSICAL FEATURES / GENERAL DESCRIPTION

The WX family is comprised of two (2) standard models (12" and 15" two-way models) with six (6) horn pattern options. There is a standard subwoofer model (dual-18" LF drivers) available in a down-fire configuration. All models are available in a standard black or white gel-coat finish with options for custom colors that can be specially ordered. The 304SS mounting bracket and grille are color matched to the cabinet for all models. The hardware and mounts for the down-fire subwoofer are also color matched to the enclosure. Hardware required to mount the bracket to the installation surface must be supplied by the customer.
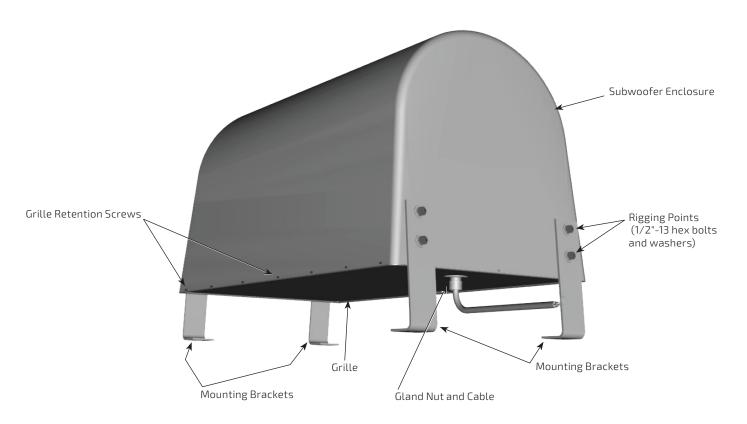
The 12-inch and 15-inch cabinets are a modified trapezoidal shape to emulate a traditional wooden enclosure, and have a rounded rear panel. They are comprised of a fiberglass outer shell and face that are internally lined and reinforced with 18mm (7-layer) marine grade plywood. This lining and reinforcement allows for improved low frequency performance as well as a stronger, less resonant enclosure.

> ⚠️ **DANGER:** It is essential that a safety cable (not supplied) be utilized whenever a WX Loudspeaker is installed. The safety cable must be secured to a suitable load-bearing point separate from the loudspeaker mounting point, with as little slack as possible so as not to develop undue kinetic force if the WX bracket were to fail. The WX full-range loudspeakers include a 1/2"-13 mounting point on the rear of the cabinet for this purpose.

PRODUCT FEATURES IDENTIFICATION
TYPICAL WX 12-INCH OR 15-INCH FULL-RANGE MODEL

1/2"-13 Safety Attachment Point
(user must supply appropriate fastener and safety cable)

Rigging Points (sides)

Bracket

Grille

Rigging Points (sides)

SJOW Input Cable

Gland Nut

Bracket Angle Securing Bolt

Grille Retention Screws (16)

Bracket slot

Rigging Points (sides)

Front

Rear

TYPICAL WX SUBWOOFER (WX 218SDF shown)

Subwoofer Enclosure

Grille Retention Screws

Rigging Points (1/2"-13 hex bolts and washers)

Grille

Mounting Brackets

Mounting Brackets

Gland Nut and Cable

RIGGING / SUSPENSION AND SAFETY

TERMINOLOGY: The terms "rigging", "flying" and "suspension" are often used interchangeably to describe the installation of loudspeaker systems above ground level. None of these terms pertain to, or attempt to describe, the actual method that is used (cables, brackets, chains, etc.).

⚠️ **DANGER:** The loudspeakers described in this manual are designed and intended to be suspended using a variety of rigging hardware, means, and methods. It is essential that all installation work involving the suspension of these loudspeaker products be performed by competent, knowledgeable persons who understand safe rigging practices. Severe injury and/or loss of life may occur if these products are improperly suspended.

⚠️ **DANGER:** All rigging fittings and inserts must remain sealed with the included hardware or they must be fitted with properly rated optional mounting hardware. Any missing fasteners will compromise the weather resistance of the enclosure.

COMMUNITY RIGGING HARDWARE WARRANTY:
Community warrants that its loudspeaker systems and its optional mounting and rigging hardware have been carefully designed and tested. Community loudspeakers may be safely suspended when each loudspeaker model is suspended with Community-manufactured mounting and rigging brackets specifically designed for use with that particular model of loudspeaker. This warranty applies only for use under normal environmental conditions, and when all loudspeakers, component parts, brackets and hardware are assembled and installed in strict accordance with Community's installation guidelines contained herein. Beyond this, Community assumes no further or extended responsibility or liability, in any way or by any means whatsoever. It is the responsibility of the installer to insure that safe installation practices are followed, and that such practices are in accordance with any and all local, state, federal, or other, codes, conditions, and regulations that may apply to, or govern the practice of, rigging, mounting, and construction work in the relevant geographic territory. Any modifications made to any parts or materials manufactured or supplied by Community shall immediately void all pledges of warranty or surety, related in any way to the safe use of those parts and materials.

⚠️ **WARNING**
NON-COMMUNITY RIGGING HARDWARE:
Non-Community hardware used for rigging a WX loudspeaker must be certified by the supplier for such use and must be properly rated to maintain an appropriate design factor (safety margin).

IMPORTANT NOTES ON RIGGING LOUDSPEAKERS
There are three areas of responsibility for rigging loudspeakers. The first is the building structure. Always consult with the building architect or structural engineer to assure the ability of the structure to support the loudspeaker system. The second area of responsibility is the loudspeaker itself. Community certifies its loudspeaker systems and rigging accessories for suspension when they are properly installed according to our published guidelines. The third area of responsibility is everything between the loudspeaker and the building structure and the actual process of installation. The installing contractor assumes this responsibility. Loudspeaker rigging should be performed only by certified rigging professionals using certified rigging hardware chosen for the specific application. Prior to installation, the contractor should present a rigging plan, with drawing and detailed parts list, to a licensed structural engineer (P.E.) or architect for written approval.

⚠️ **WARNING:** WX rigging fittings are rated at a Working Load Limit of 200 lbs (90.7 kg) with a 10:1 design factor. No single rigging fitting should ever be subjected to a load that is greater than 200 lbs. Failure to heed this warning could result in injury or death!

⚠️ **DANGER:** Use the mounting points only as described above. Do not use them in such a way as to apply sideways leverage to them. Failure to follow this instruction could result in immediate failure of the mounting points resulting in damage to the loudspeaker and serious injury or death to personnel.

INSTALLATION

BEFORE YOU START

❑ **Read all instructions and gather tools necessary before starting the installation.** Please read all safety instructions and warnings regarding rigging and installation of the loudspeaker. The "❑" preceding each step can be used to check off each step as it is completed (or applicable).

Every effort has been made to ensure that the information contained in this manual was complete and accurate at the time of printing. However, due to ongoing technical advances, changes or modifications may have occurred that are not covered in this publication. The latest version of this manual is always available at www.communitypro.com. The revision date can be found on the rear cover.

MOUNT THE LOUDSPEAKER BRACKET

The WX 12-inch and 15-inch loudspeakers are loaded and shipped with the components in a horizontal orientation. Attach the bracket to the support structure prior to mounting the loudspeaker enclosure.

❑ **Determine the bracket location and mount the bracket to the support structure.** Mounting hardware is not included and should be specified by a structural engineer.

❑ **Mount the bracket with the slot oriented correctly (where the front of the loudspeaker will be) for later installation of the bolt to secure the angle.** [Bracket above - slot forward, Bracket behind - slot down]. See Figure 1.

Note: The loudspeaker is primarily designed to be mounted horizontally, but can be mounted vertically if desired. Please consult a structural engineer for the appropriate mounting mechanism and hardware. [Additional hang points on the cabinet are available as a configure-to-order option].

MOUNT THE LOUDSPEAKER

❑ **The standard orientation of the loudspeaker is with the horn on the right side.** See Figure 2. If it is necessary for coverage purposes for the horn to be on the left side, the grille should be removed, rotated 180°, and reattached so that the Community logo is at the bottom. There are a number of screws around the perimeter of the enclosure, remove them, lift the grille off, rotate it, then replace it and reattach using all of the screws. All holes must be filled with the original hardware (or similar approved by Community) for the enclosure to retain its weather-resistant properties.
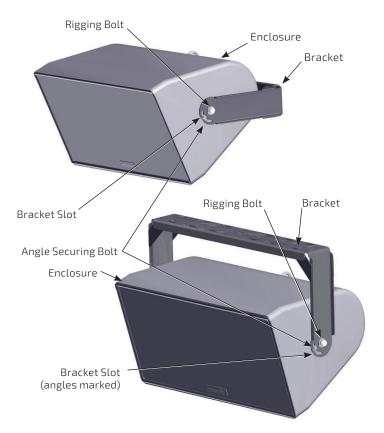

Figure 1. Orient the slot before mounting the bracket

Figure 2. Standard horn location (right side) with logo at bottom of grille

MOUNT THE LOUDSPEAKER (cont'd)

❑ **Attach the provided 2" gaskets to the inside surface of the bracket arms.** With the adhesive side facing the inside of the bracket, align with the large hole and press into place.

❑ **Lift the loudspeaker into place between the bracket arms.** Attach the loudspeaker to the bracket using the 1/2"-13 hardware as shown in Figure 3. Repeat for the opposite side. Tighten bolts to finger tight (enough to hold the speaker in position).

❑ **Determine the approximate angle of downward tilt.** It must be at least 5° down from horizontal to maintain the stated enclosure IP54 rating. There are degree marks on the outside of the bracket slot to help keep the angle consistent. Place the provided smaller rubber gasket washers between the yoke and cabinet and install bolts as shown. Tighten to finger tight to hold the angle. Fully tighten the hardware (so cabinet can no longer freely rotate) to ensure that cabinet is secure and the angle is set.
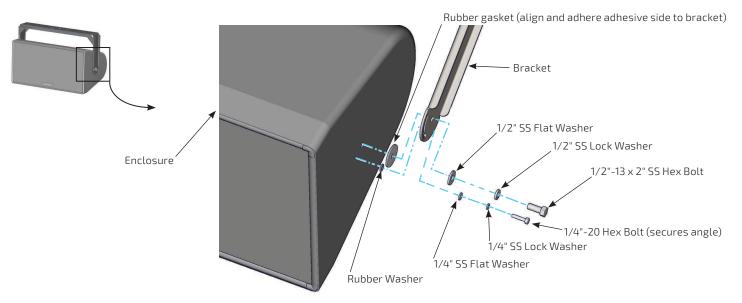

Figure 3. Attach bracket to loudspeaker

⚠ **CAUTION:** Over-tightening the hardware can damage the bolts, threaded inserts, or the cabinet finish.

ROTATING THE HORN

While the horn orientation for the HF section of the WX loudspeakers is determined when the loudspeaker is ordered, if it becomes necessary, the horn can be rotated in the field, offering greater coverage pattern options. Simply remove the grille and the eight (8) screws mounting the horn. Being sure not to twist the HF wiring, rotate the horn 90 degrees and place it evenly back into the cabinet face. Reinstall the horn screws and the grille assembly (See **Figure 4**).

IMPORTANT: When reinstalling the grill screws, tighten the screws to finger tight and then add an additional half turn. Over-tightening may damage or compromise the weather-resistance of the enclosure.
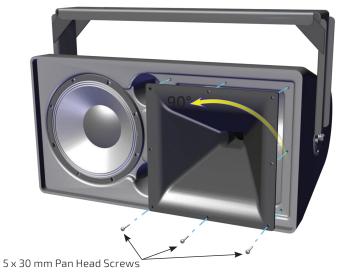

Figure 4. To rotate horn - remove screws, carefully pull horn out, rotate 90°, place horn back in cabinet, and replace screws.

WIRING AND ELECTRICAL SAFETY

All standard WX SERIES loudspeakers come with an attached SJOW rated input cable, 12' (4m) in length and colored to match the enclosure. The cable enters the enclosure through a waterproof gland nut. The other end of the cable is un-terminated. Beyond this length, line-loss calculations should be performed when selecting additional wiring to prevent losses in output due to voltage drops due to increased impedance. Please contact Community's TAG Team (Technical Applications Group) for additional assistance (email: tagteam@communitypro.com, phone: (610) 876-3400, or toll-free (800) 523-4934 in the US and Canada).

❑ **Wire the loudspeaker.** A typical installation method is to bring the cable into a waterproof junction box (J-box) equipped with a waterproof gland nut. Connections within the J-box may be made with barrel-type crimp connectors, wire nuts, solder and heat-shrink, or terminal strips. Terminate per your local electrical code.

We recommend using barrel-type crimp connectors that are crimped with a forged crimp tool (such as Klein 1005) or a ratcheting tool (such as Klein T1720), as this method, when properly executed, results in a gas-tight connection that is quick and easy to accomplish.

⚠ **DANGER:** The output power capabilities of audio amplifiers present a danger to installers especially in 70.7V and 100V distributed systems. To minimize the risk of electric shock from loudspeaker connecting cables, confirm that the power amplifiers are turned "off" before connecting loudspeaker cable(s) to the loudspeaker or amplifier. Always follow local electrical codes and proper electrical safety procedures.

⚠ **WARNING:** After wiring the amplifier(s) to the loudspeaker(s), first power-up all devices that are upstream of the amplifier, such as mixers, equalizers, compressor/limiters, etc., before powering-up the amplifier. This is to avoid passing any clicks or pops that may originate in the upstream devices to the loudspeakers. The amplifier should initially be powered-up with its gain controls turned all the way down. After making sure that a continuous signal is present, such as a CD playing, slowly raise the level of the gain controls to establish that the wiring has been installed correctly. Only then should the loudspeaker be operated at normal output levels.

STANDARD WIRING

Connect as shown in **Figure 5a**.

(–) (Black)
(+) (White)

Figure 5a. Standard wiring

AUTOFORMER WIRING

A WET W SERIES loudspeaker equipped with an optional autoformer has four selectable power taps. These are set at 100W, 200W, and 400W on a 70.7V systems, and 200W and 400W on a 100V system. Choosing one of the four taps governs how much amplifier power is available for each loudspeaker. See **Figure 5b**.
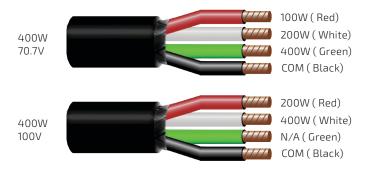

400W
70.7V

100W (Red)
200W (White)
400W (Green)
COM (Black)

400W
100V

200W (Red)
400W (White)
N/A (Green)
COM (Black)

Figure 5b. Autoformer wiring

BI-AMP WIRING

All WX models designated as bi-amped models do not include a passive crossover and only offer an HF protection capacitor. These units can be connected as seen in **Figure 5c**.

Bi-Amp
8Ω

LF (+) (Red)
LF (–) (Black)
HF (+) (White)
HF (–) (Green)

Figure 5c. Bi-amp wiring

⚠ **IMPORTANT:** All electrical installation connections for loudspeaker lines are subject to all applicable governmental building and fire codes. The selection of appropriate electrical hardware to interface with the WX loudspeaker lies solely with the installation professional. Community recommends that an appropriately licensed engineer, electrician, or other qualified professional identify and select the appropriate conduit, fittings, wire, etc. for the installation.

SUBWOOFER INSTALLATION

The leg brackets are attached to the subwoofer when shipped. Remove and discard the hardware holding the subwoofer to the shipping pallet.

⚠️ *Do not reuse this hardware to mount the subwoofer to the floor or structure.*

❏ **Mount the subwoofer to the floor.** The hole pattern dimensions are on the technical drawing (page 13). Anchoring hardware is not provided. Please use hardware specified by your structural engineer rated for the load and type of surfacing. Lift the subwoofer into position and secure to surface.

Note: Additional mounting patterns are offered as a Configure-to-Order (CTO) option. Consult your Community representative and structural engineer for the recommended bracket or mounting system.

Figure 6. Bracket attachment to subwoofer

❏ **If it is necessary to remove the leg brackets from the subwoofer, reserve the hardware and reattach the leg brackets as shown in Figure 6.**

⚠️ CAUTION: The subwoofer is heavy, adequately support it or turn it on its side to detach or reattach brackets and their hardware.

❏ Connect the Subwoofer as detailed earlier in the wiring section (page 9).

FINAL ASSEMBLY AND TESTING

❏ **Attach a safety cable to the attachment point on the rear of each loudspeaker.** The safety cable and (1/2"-13) attachment hardware are not included. Please consult a structural engineer for the appropriate cable for the load and application. The safety cable must be secured to a suitable load-bearing point separate from the loudspeaker mounting point, with as little slack as possible, so as not to develop undue kinetic force if the WX mounting were to fail.
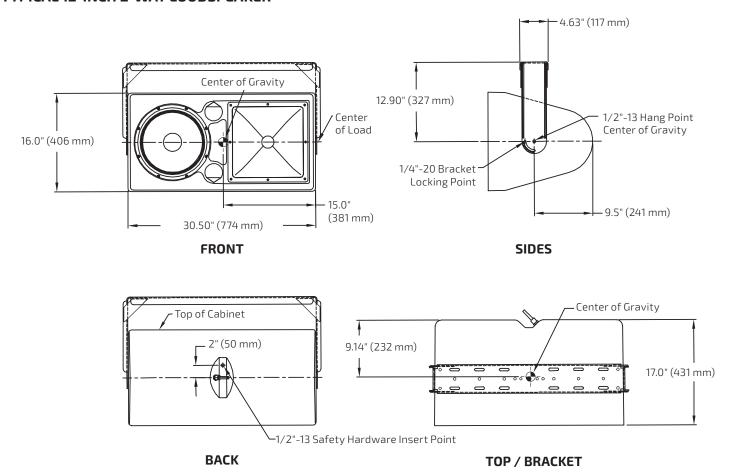
❏ **Power and test the system.**

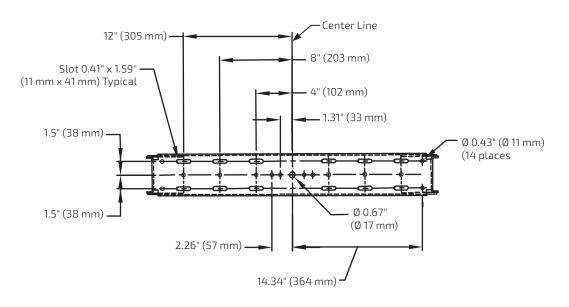# MAINTAINING WEATHER RESISTANCE
GUIDELINES FOR WX OUTDOOR USE

WX is suitable for outdoor installation when used as recommended. For best results in outdoor applications, follow these guidelines:

- Always orient the loudspeaker so the mouth of the horn is, at a minimum, pointing at least 5 degrees downward. Failure to do this could result in water collecting inside the enclosure under extreme weather conditions.

- When handling a WX loudspeaker, be careful not to scratch or scrape the finish on the grille or enclosure.

- All mounting holes must be sealed off with the stainless steel bolts, washers, and rubber washers supplied. If, for any reason, these bolts must be removed, seal off the hole with silicone caulking or some other suitable weather-tight sealant.

- The rubber washers supplied with the mounting bolts must be placed between the mounting bracket and the enclosure.

- The gland-nut securing the loudspeaker cable to the enclosure is sealed at the factory. Do not attempt to remove this nut or the weather-tight seal will be broken. If you have to replace the gland-nut, it must be a weatherproof design. It also must be suitably sealed to the enclosure with silicone caulk or a comparable weather-tight sealant.

- The grille assembly is designed to prevent normal and wind-driven rain from directly entering the mouth of the loudspeaker. The grille is not designed to withstand such things as being directly sprayed from a hose or pressure washer; therefore this should be avoided.

- If you use any hardware in place of hardware provided with your WX loudspeaker, it should also be made of stainless steel.

TECHNICAL DRAWINGS

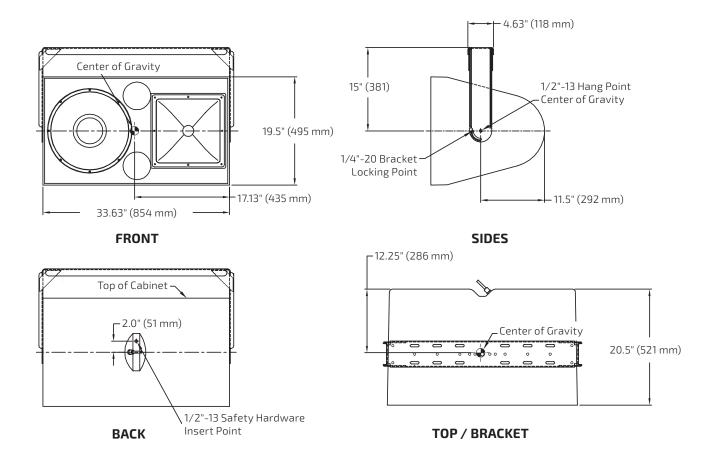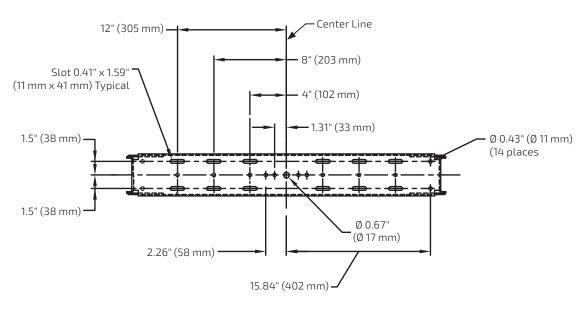## TYPICAL 12-INCH 2-WAY LOUDSPEAKER

Center of Gravity

Center of Load

16.0" (406 mm)

30.50" (774 mm)

15.0" (381 mm)

FRONT

4.63" (117 mm)

12.90" (327 mm)

1/2"-13 Hang Point
Center of Gravity

1/4"-20 Bracket
Locking Point

9.5" (241 mm)

SIDES

Top of Cabinet

2" (50 mm)

1/2"-13 Safety Hardware Insert Point

BACK

Center of Gravity

9.14" (232 mm)

17.0" (431 mm)

TOP / BRACKET

12" (305 mm)

Center Line

8" (203 mm)

Slot 0.41" x 1.59"
(11 mm x 41 mm) Typical

4" (102 mm)

1.31" (33 mm)

1.5" (38 mm)

Ø 0.43" (Ø 11 mm)
(14 places

1.5" (38 mm)

Ø 0.67"
(Ø 17 mm)

2.26" (57 mm)

14.34" (364 mm)

BRACKET HOLE DIMENSIONS

TECHNICAL DRAWINGS

TYPICAL 15-INCH 2-WAY LOUDSPEAKER

Center of Gravity

19.5" (495 mm)

17.13" (435 mm)

33.63" (854 mm)

FRONT

4.63" (118 mm)

15" (381)

1/2"-13 Hang Point
Center of Gravity

1/4"-20 Bracket
Locking Point

11.5" (292 mm)

SIDES

Top of Cabinet

2.0" (51 mm)

1/2"-13 Safety Hardware
Insert Point

BACK

12.25" (286 mm)

Center of Gravity

20.5" (521 mm)

TOP / BRACKET

12" (305 mm)

Center Line

8" (203 mm)

4" (102 mm)

Slot 0.41" x 1.59"
(11 mm x 41 mm) Typical

1.31" (33 mm)

1.5" (38 mm)

Ø 0.43" (Ø 11 mm)
(14 places

1.5" (38 mm)

Ø 0.67"
(Ø 17 mm)

2.26" (58 mm)

15.84" (402 mm)

BRACKET HOLE DIMENSIONS

TECHNICAL DRAWINGS

TYPICAL SUBWOOFER (WX 218SDF SHOWN)

Bracket →

30.76" (781 mm)

49.80" (1265 mm)

SIDES

24.88" (632 mm)

3.0" (76 mm) →

1/2"-13
Mounting Points
(8 Typical)

ENDS

18.63" (473 mm)

Ø .63" (Ø 76 mm)
(4 places)

24.32" (618 mm)

45.71" (1161 mm)

48.0" (1219 mm)

FRONT

FIELD SERVICE

Any driver or crossover service required is accessed from the front of the enclosure by removing the front grille and removal of the LF driver or the horn assembly. Take note of wiring positions prior to removing any drivers from the loudspeaker. In order to maintain the weather resistance, components and assemblies must not remain removed from the loudspeaker any longer than needed for replacement. Exposure of internal components to the elements for extended periods could cause failures and void the warranty on the loudspeaker.

For warranty repair, contact Community directly at 610-876-3400 or ask us for the location of your nearest Authorized Service Center.

FOR MORE INFORMATION AND APPLICATION ASSISTANCE

For more information on installing and operating your WX loudspeaker, please refer to Community's website at www.communitypro.com. For application support, service or warranty information, refer to Community's website or contact Community's TAG Team (Technical Applications Group) for additional assistance at 610-876-3400 or toll-free (US and Canada) at 800-523-4934.

To obtain specific warranty information and available service locations for countries other than the United States of America, contact the authorized Community Distributor for your specific country or region.

SPECIFICATIONS

MODEL	WX-1226	WX-1264	WX-1266	WX-1294	WX-1296	WX-1299
Loudspeaker Type	2-way, full-range					
Driver Complement	LF: 1 x 12" weather-treated cone, HF: 1 x 1.4" exit driver					
Coverage Pattern (H x V)	120° x 60°	60° x 40°	60° x 60°	90° x 40°	90° x 60°	90° x 90°
Operating Range (-10 dB)	40 Hz - 22 kHz					
Frequency Response (-3 dB)	63 Hz - 18 kHz					
Input Ratings	600W RMS, 1200W Program, 69 volts RMS, 138 volts momentary peak					
Sensitivity 1W/1m (Frequency range)	97dB (63 Hz–16 kHz) 97dB (250 Hz-4 kHz)	98dB (63 Hz–16kHz) 99dB (250Hz–4 kHz)	98dB (63 Hz–16 kHz) 99dB (250 Hz–4 kHz)	97dB (63 Hz–16 kHz) 97dB (250 Hz–4 kHz)	97dB (63 Hz–16 kHz) 97dB (250 Hz–4 kHz)	97dB (63 Hz–16 kHz) 98dB (250 Hz–4 kHz)
Maximum SPL Continuous / Peak	125dB / 131dB peak	126dB / 132dB peak	126dB / 132dB peak	125dB / 131dB peak	125dB / 131dB peak	125dB / 131dB peak
Nominal, Minimum Impedance	8 Ohms, 8.5 Ohms @ 160Hz	8 Ohms, 8.2 Ohms @ 160Hz	8 Ohms, 8.1 Ohms @ 160Hz	8 Ohms, 8.5 Ohms @ 160Hz	8 Ohms, 8.2 Ohms @ 160Hz	8 Ohms, 8.3 Ohms @ 160Hz
Crossover Frequency	1.5 kHz					
Recommended High Pass Filter:	60Hz 24dB/oct					
Horn Rotatable	Yes	Yes	N/A	Yes	Yes	N/A
Input Connection	12' (4m) SJOW #16 gauge cable (stripped ends)					
Rigging Provisions	Two 1/2"-13 points; mounting bracket included; Integral 1/2"-13 Safety Cable Mounting Point					
Construction	Modified trapezoidal fiberglass outer shell and face lined and reinforced with 18 mm marine grade plywood					
Finish	Black or White gel coat fiberglass					
Dimensions: H x W x D	16.0" (406 mm) H x 30.5" (774 mm) W x 17.0" (432 mm) D					
Net Weight with bracket	98 lbs (44.5 kg)					

MODEL	WX-1526	WX-1564	WX-1566	WX-1594	WX-1596	WX-1599
Loudspeaker Type	2-way, full-range					
Driver Complement	LF: 1 x 15" cone, HF: 1 x 1.4" driver					
Coverage Pattern (H x V)	120° x 60°	60° x 40°	60° x 60°	90° x 40°	90° x 60°	90° x 90°
Operating Range (-10 dB)	40 Hz - 22 kHz					
Frequency Response (-3 dB)	50 Hz - 18 kHz					
Input Ratings	600W RMS,1200W Program, 69 volts RMS, 138 volts momentary peak					
Sensitivity 1W/1m (Frequency range)	99dB (63 Hz–16 kHz) 98dB (250 Hz–4 kHz)	98dB (63 Hz–16 kHz) 98dB (250 Hz–4 kHz)	98dB (63 Hz–16 kHz) 98dB (250 Hz–4 kHz)	99dB (63 Hz–16 kHz) 98dB (250 Hz–4 kHz)	98dB (63 Hz–16 kHz) 98dB (250 Hz–4 kHz)	98dB (63 Hz–16 kHz) 98dB (250 Hz–4 kHz)
Maximum SPL Continuous / Peak	127dB / 133dB peak	126dB / 132dB peak	126dB / 132dB peak	127dB / 133dB peak	126dB / 132dB peak	126dB / 132dB peak
Nominal Minimal Impedance	8 Ohms, 6.3 Ohms @ 9kHz	8 Ohms, 8.3 Ohms @ 130Hz	8 Ohms, 8.1 Ohms @ 130Hz	8 Ohms, 8.1 Ohms @ 130Hz	8 Ohms, 8.2 Ohms @ 140Hz	8 Ohms, 6.8 Ohms @ 9kHz
Crossover Frequency	1.5 kHz					
Recommended High Pass Filter:	50Hz 24dB/oct					
Horn Rotatable	Yes	Yes	N/A	Yes	Yes	N/A
Input Connection	12' (4m) SJOW #16 gauge cable (stripped ends)					
Rigging Provisions	Two 1/2"-13 points; mounting bracket included; Integral 1/2"-13 Safety Cable Mounting Point					
Construction	Modified trapezoidal fiberglass outer shell and face lined and reinforced with 18 mm marine grade plywood					
Finish	Black or White gel coat fiberglass					
Dimensions: H x W x D	19.5" (495 mm) H x 33.63" (854 mm) W x 20.5" (520 mm)					
Net Weight with bracket	133 lbs (60.3 kg)					

SPECIFICATIONS

MODEL	WX-218SDF
Loudspeaker Type	Subwoofer (down-fire)
Driver Complement	LF: 2 x 18" weather-treated cone
Coverage Pattern (H x V)	360° x 180°
Operating Range (-10 dB)	35 Hz - 500 Hz
Frequency Response (-3 dB)	47 Hz - 450 Hz
Input Ratings	1400W RMS, 2800W Program 74.8 volts RMS, 149.7 volts momentary peak
Sensitivity 1W/1m (free space SPL)	103dB (50 Hz - 315 kHz) half space
Maximum SPL Continuous / Peak	134dB (140dB peak)
Nominal Minimal Impedance	4 Ohms, 3.3 Ohms @ 40 Hz
Input Connection	3' (0.914m) SJOW #10-2 gauge cable (stripped ends)
Rigging Provisions	Four pair (8) 1/2"-13 points; mounting brackets included
Construction	Modified trapezoidal fiberglass outer shell and face lined and reinforced with 18 mm marine grade plywood
Finish	Black or White gel coat fiberglass
Dimensions: Height Width Depth	30.76" (781 mm) on brackets 49.8" (1265 mm) 24.32" (618 mm)
Net Weight with brackets	196 lbs (88.9 kg)

WARRANTY INFORMATION

TRANSFERABLE WARRANTY "(LIMITED)" VALID IN THE USA ONLY

The WX Loudspeakers are designed and backed by Community Professional Loudspeakers. For complete warranty information within the USA please refer to the warranty statement on the website.

Please call 610-876-3400 to locate your nearest Authorized Field Service Station. For Factory Service call 610-876-3400. You must obtain a Return Authorization (R/A) number prior to the return of your product for factory service.

WARRANTY INFORMATION AND SERVICE FOR COUNTRIES OTHER THAN THE USA

To obtain specific warranty information and available service locations for countries other than the United States of America, contact the authorized Community Distributor for your specific country or region.

SHIPPING DAMAGE / CLAIMS

If the product is damaged during transit you must file a damage claim directly with the freight company. It's very important to contact the freight company as soon as possible after receiving your shipment, as most freight companies have a short time limit within which they will investigate claims. Be sure to save the carton and packing materials, as damage claims can be denied if these materials are not retained. If evidence of physical damage exists upon arrival, be cautious before signing the delivery acceptance receipt. Often, the fine print will waive your right to file a claim for damage or loss after you sign it. Make sure that the number of cartons shown on the freight documents have actually been delivered.
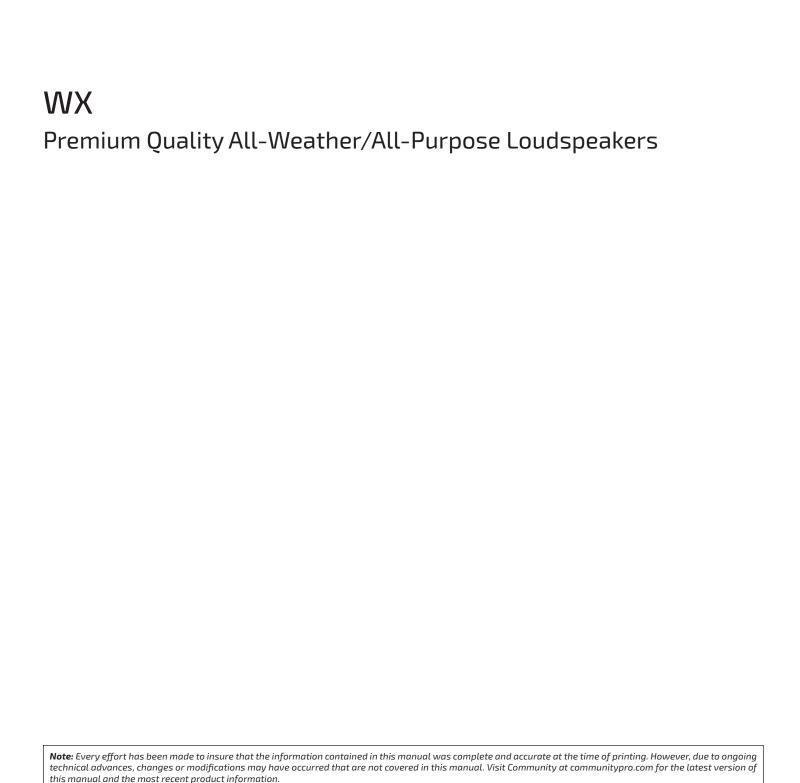
EC STATEMENT OF CONFORMITY

This document confirms that the range of products of Community Professional Loudspeakers bearing the CE label meets all of the requirements in the EMC directive 89/336/EEC laid down by the Member States Council for adjustment of legal requirements. Furthermore, the products comply with the rules and regulations referring to the electromagnetic compatibility of devices from 30-August-1995.

The Community Professional Loudspeaker products bearing the CE label comply with the following harmonized or national standards: DIN EN 55013:08-1991, DIN EN 55020:05-1995, and DIN EN 55082-1:03-1993.

The authorized declaration and compatibility certification resides with the manufacturer and can be viewed upon request. The responsible manufacturer is the company:

Community Light & Sound
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Chester, PA USA May 2013

WX

Premium Quality All-Weather/All-Purpose Loudspeakers