



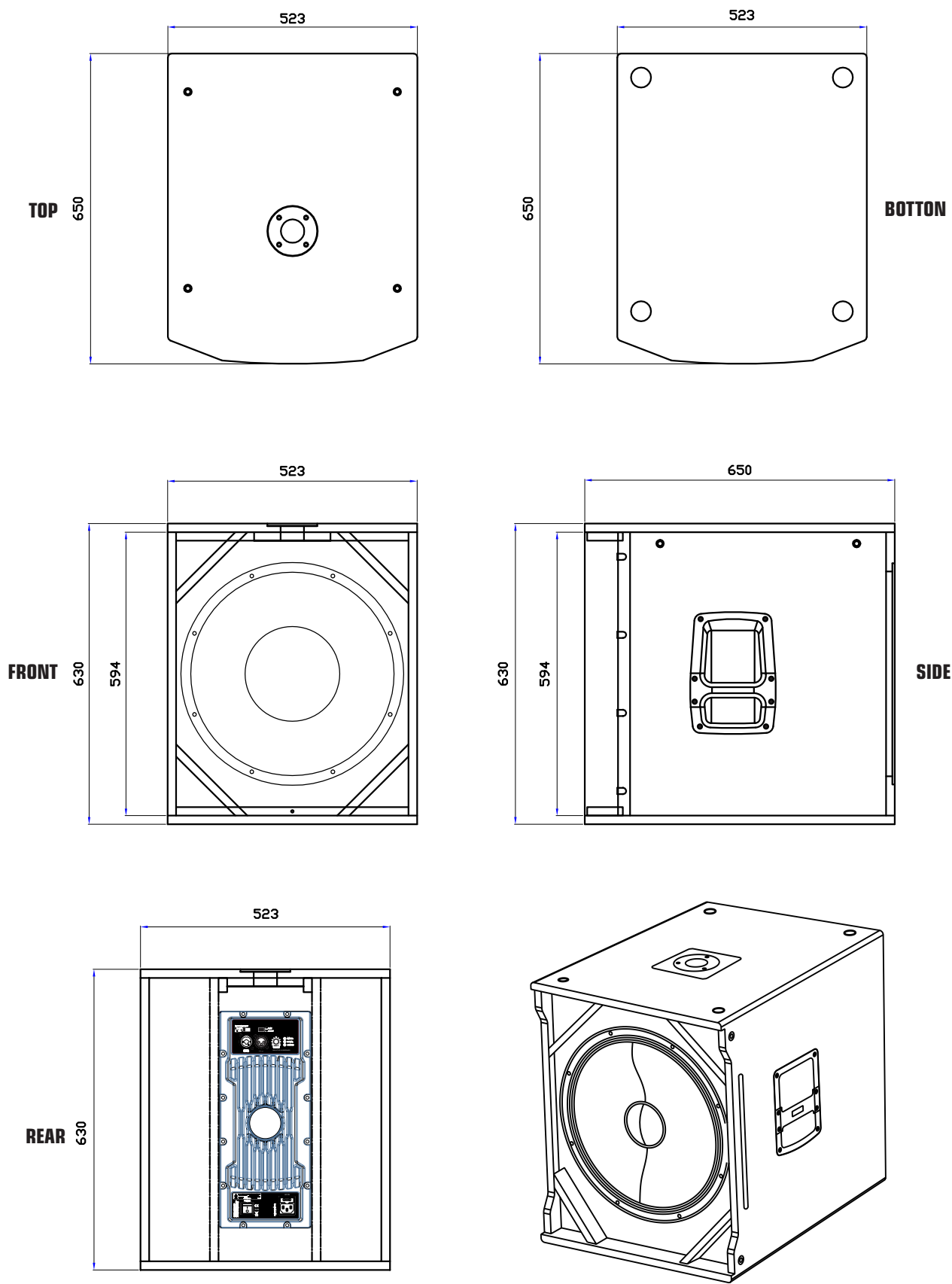
User's Guide

A R T 9 1 2 S
A R T 9 1 5 S
A R T 9 1 8 S



Dimensions

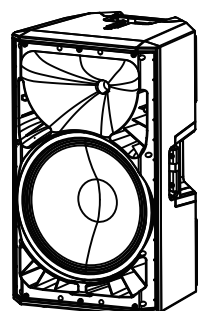
ART918S



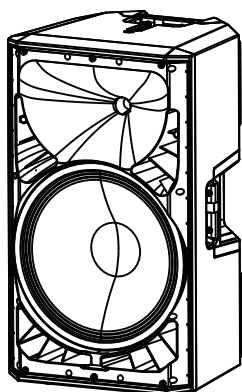
IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. If Service Instructions are included in the Owner's Manual: "CAUTION - THESE SERVICING INSTRUCTIONS ARE FOR USE BY QUALIFIED SERVICE PERSONNEL ONLY. TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT PERFORM ANY SERVICING OTHER THAN THAT CONTAINED IN THE OPERATING INSTRUCTIONS UNLESS YOU ARE QUALIFIED TO DO SO."
16. To completely disconnect this apparatus from the AC mains, disconnect the power supply cord plug from the AC receptacle.
17. "WARNING - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE."
18. Do not expose this equipment to dripping or splashing and ensure that no objects filled with liquids, such as vases, are placed on the equipment.
19. The main plug of the power supply cord shall remain readily operable.

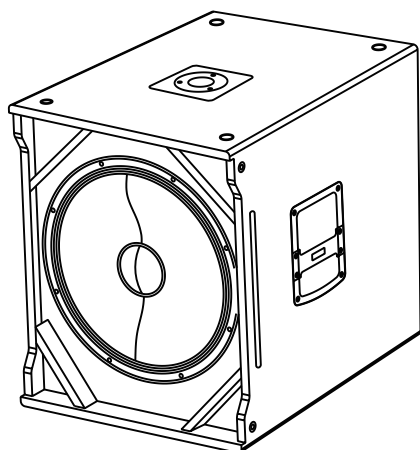




ART912S



ART915S



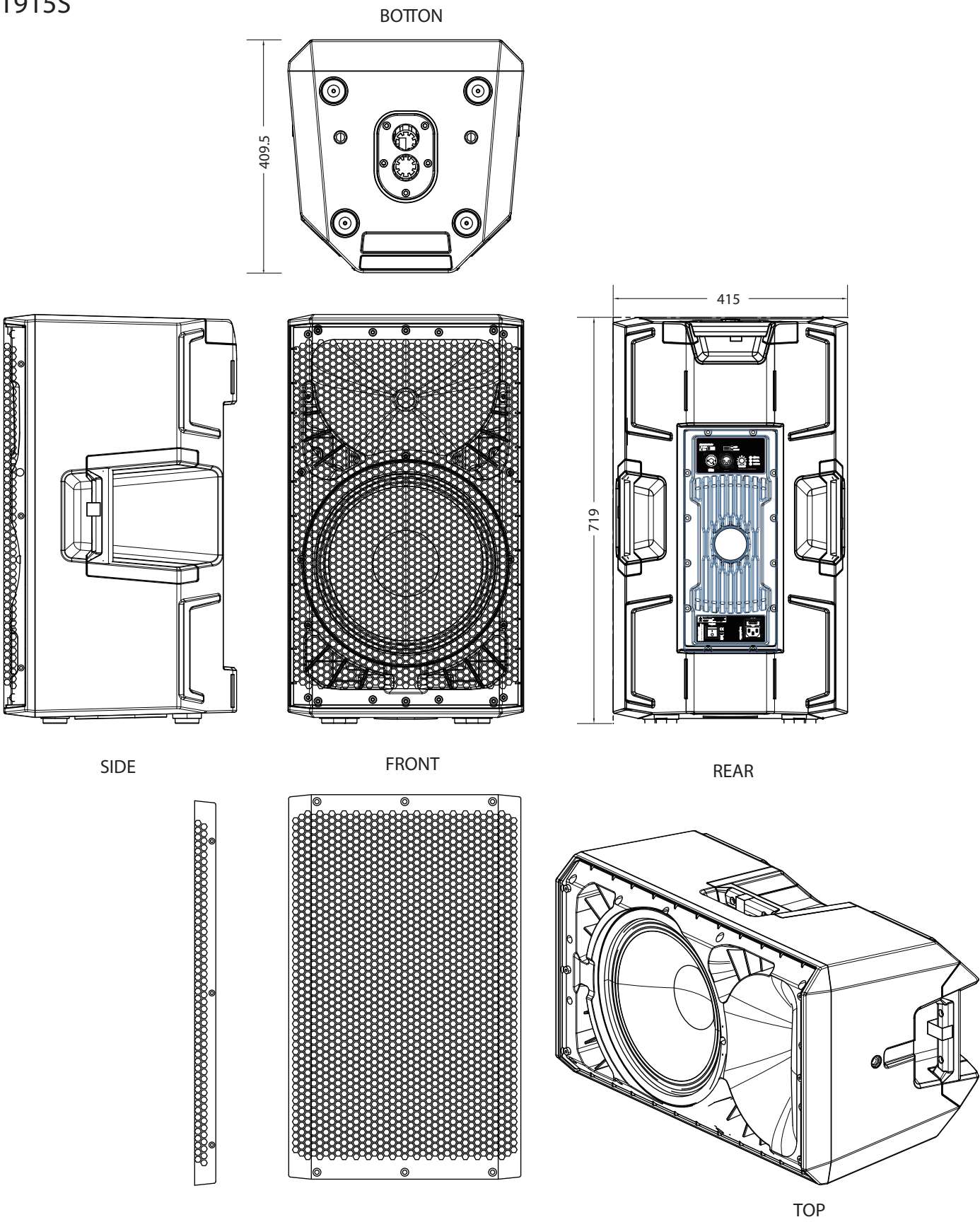
ART918S

Full-Ragne Models

	ART912S	ART915S	ART918S
SYSTEM SPEC			
Configur ation :	Multipurpose 12 inch 2-w ay	Multipurpose 15 inch 2-w ay	18 inch cone tr ansducer
Max SPL Output:	131 dB	135 dB	135 dB
Freq Range (-10 dB):	50 Hz to 20 kHz	44 Hz to 20 kHz	33 Hz
Freq R esponse(-6 dB):	53 Hz – 18 kHz	47 Hz – 18 kHz	38 Hz
Input Connectors:	1xBalanced XLR/¼” input	1xBalanced XLR/¼” input	1xBalanced XLR/¼” input
Input Impedance:	20K Ohms (balanced), 10K Ohms (unbalanced)	20K Ohms (balanced), 10K Ohms (unbalanced)	20K Ohms (balanced), 10K Ohms (unbalanced)
Signal Indicators:	OVERL OAD, SIGNAL, POWER.	OVERL OAD, SIGNAL, POWER.	OVERL OAD, SIGNAL, POWER.
AMPLIFIER			
Design:	Class-D	Class-D	Class-D
Power Rating:	1000W (2 x 530W) @4OHM	1000W (2 x 530W) @4OHM	1000W @4OHM
Ampifier Pr otection:	Thermal limiting, output o vercurr ent, o ver temper atur e muting		
SPEAKER			
LF:	65 cor e 156 magnetic	75 cor e 170 magnetic	100 cor e 220 magnetic
MF:	n/a	n/a	n/a
HF:	34 cor e 100 magnetic	44 cor e 100 magnetic	n/a
Coverage P atter n:	90° x 50° nominal	90° x 50° nominal	90° x 50° nominal
Enclosur e:	Plastic	Plastic	Wooden
Dimensions (mm): (H x W x D)	621 x360 x355	719x415x409.5	523x650x630
Net Weight:	17.8 kg	22.8 kg	40.9 kg

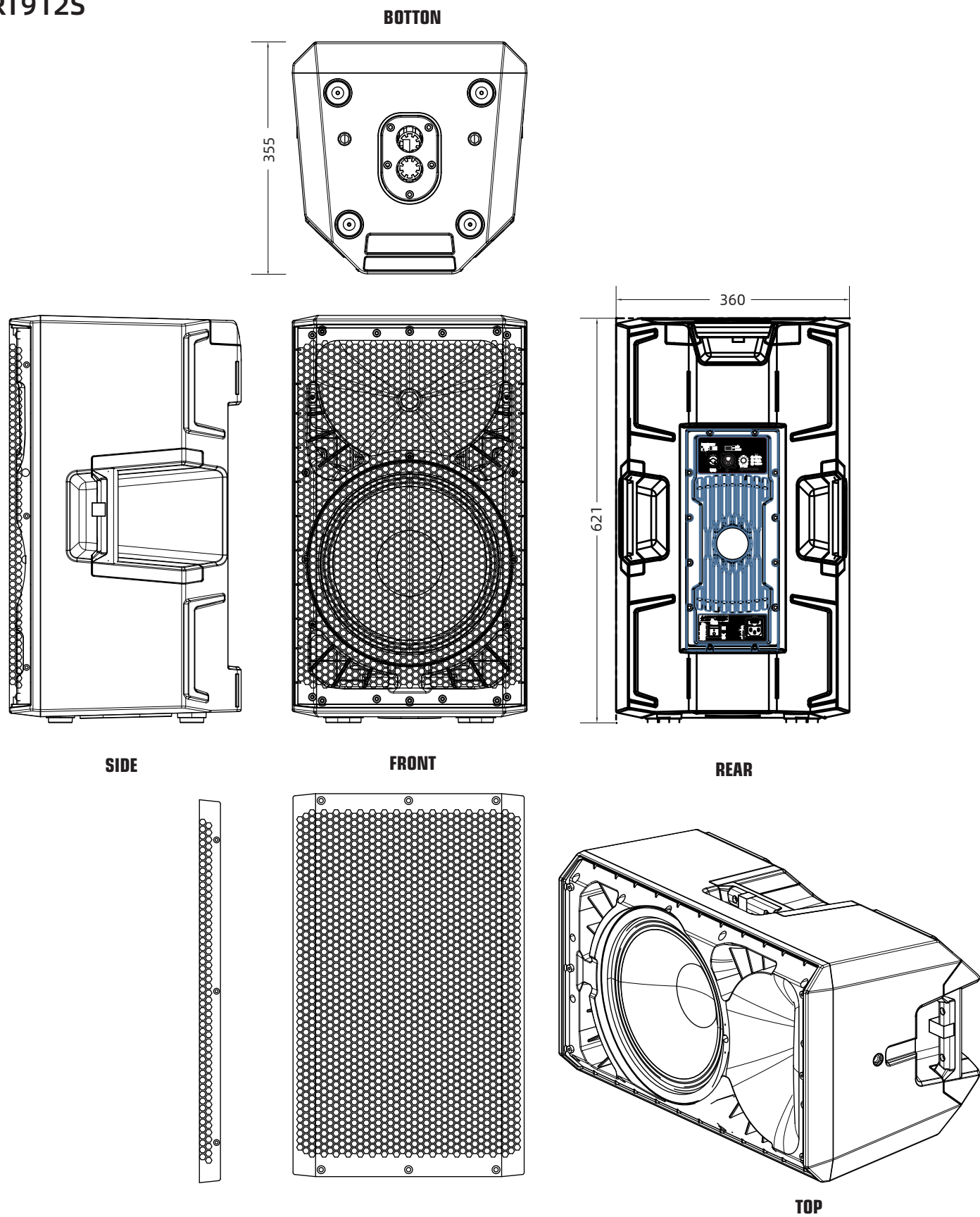
Dimensions

ART915S



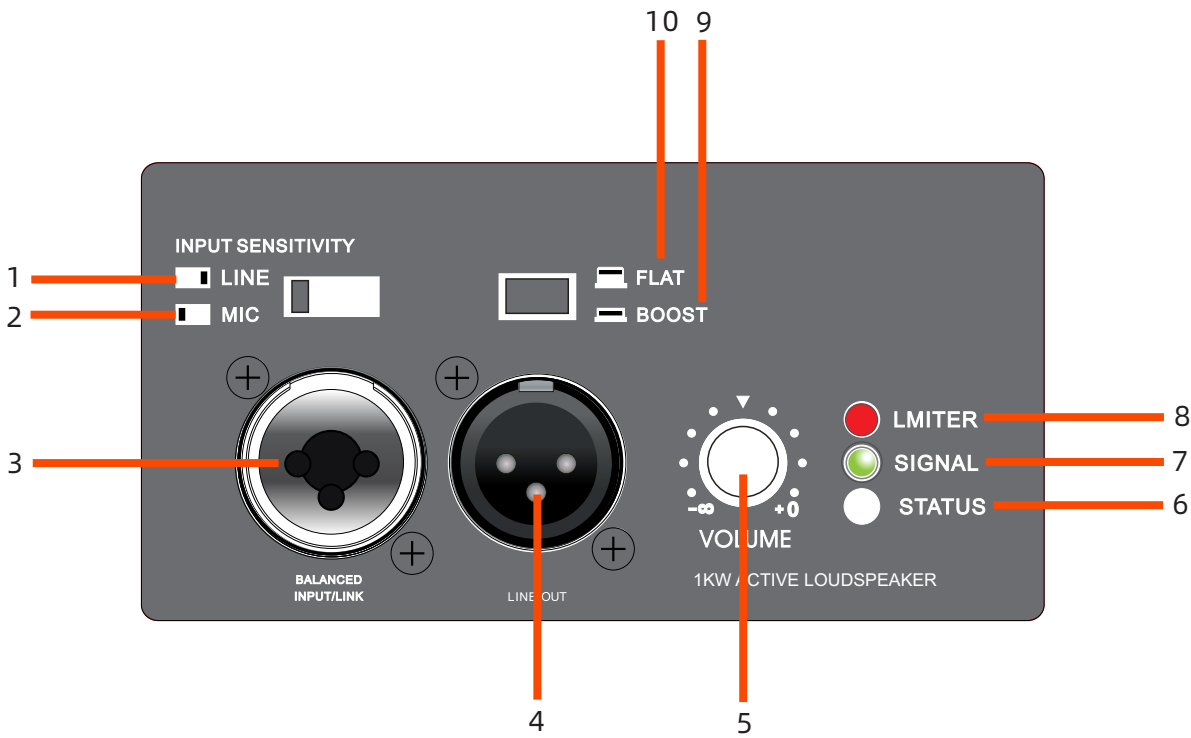
Dimensions

ART912S



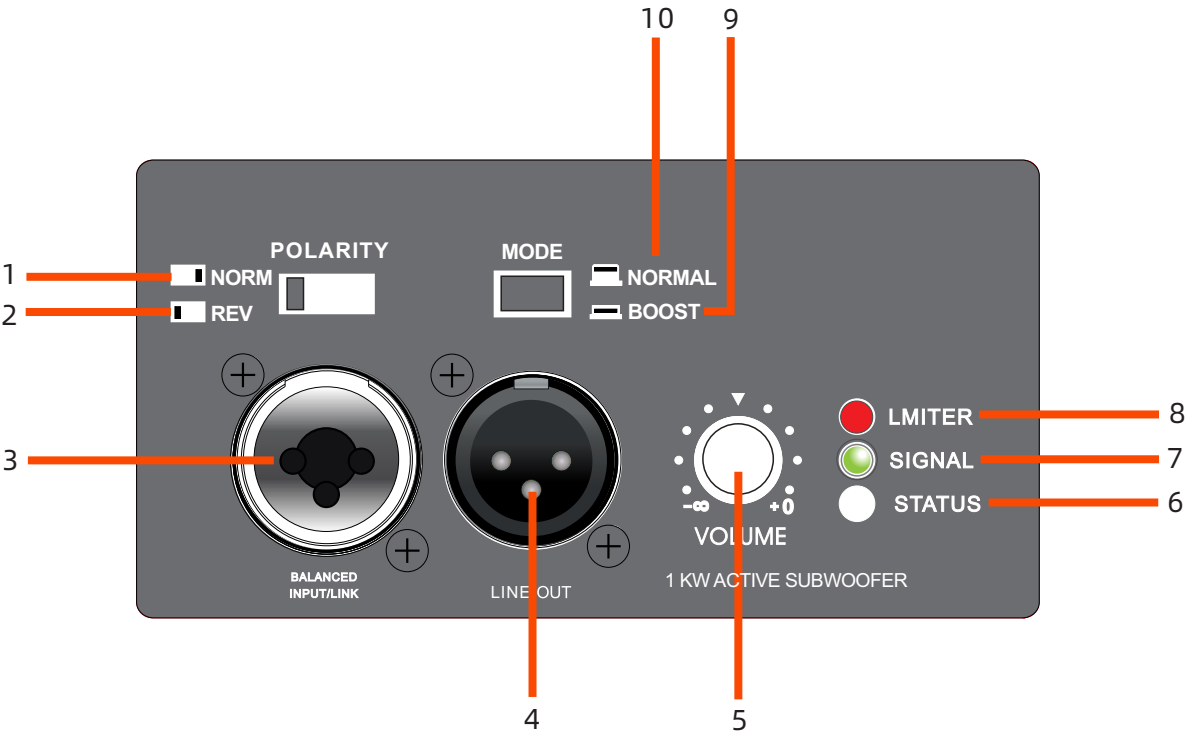
SYSTEM SET UP – FULL RANGE MODELS

Amplifier Input Configuration for
ART912S, ART915S



SYSTEM SET UP – SUBWOOFERS

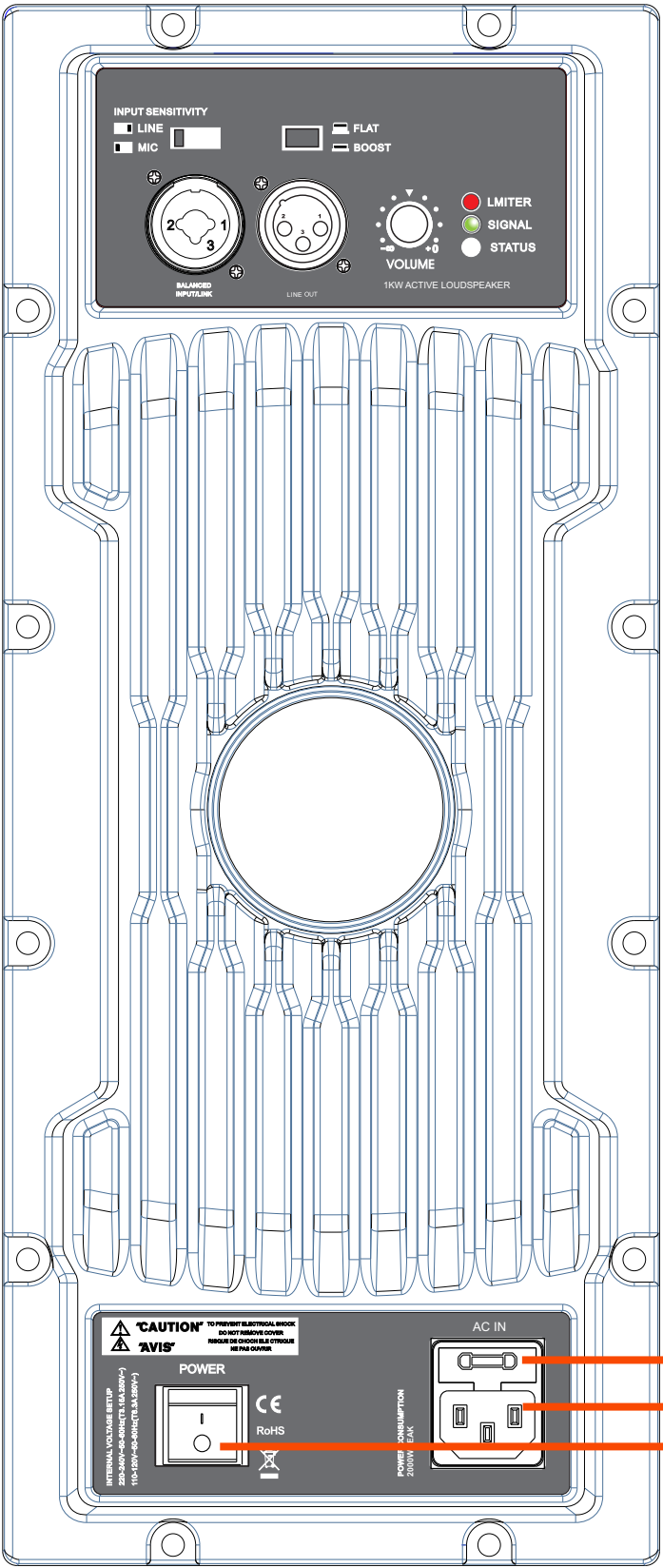
Amplifier Input Configuration for
ART918S



- 1. NORMAL POLARITY:** The phase of the speaker is positive phase.
- 2. REV POLARITY:** The speaker phase is out of phase.
- 3. SIGNAL INPUT:** Female balanced XLR and 1/4 inch phone jack combo input connectors.
- 4. SIGNAL OUTPUT:** Male balanced XLR output connector. This connector provides a full-range signal which can be daisy chained to another speaker.
- 5. SIGNAL CONTROL KNOB:** This knob is for setting the input level. The 12 o'clock position is a good starting point for most uses. Once the full-range system has been connected the level can be varied to match and deliver the desired balance.
- 6. STATUS INDICATOR:** When the power amplifier tail board is working normally, this light will be in a constant on state. On the contrary, it indicates that the power amplifier is not functioning properly.
- 7. SIGNAL INDICATOR:** There is one LED that will illuminate when signal is present.
- 8. LIMITER INDICATOR:** There is one LED indicator that will illuminate when input clipping occurs or peak output has been reached and the DSP limiter is acting.
- 9. BOOST GEAR:** After you press the BOOST key, BOOST is selected and internal equalization is applied to enhance low frequency response.
- 10. NORMAL GEAR:** FLAT is NORMAL, frequency response is linear and unaltered.

Dimensions

POWER AMPLIFIER MODULE



New exterior design