

# XTI100 SERIES

OWNER'S MANUAL

THE PURE SOUND OF LIFE  
PURE ACOUSTICS®



Pure Acoustics, Inc. 18 Fuller Place, Brooklyn,  
NY 11215, USA, Tel 718 788 4411

[www.pure-acoustics.com](http://www.pure-acoustics.com)

X  
T  
I  
1  
0  
0

# INTRODUCTION

Thank you for purchasing Pure Acoustics' products, and welcome to the Pure Acoustics family of satisfied customers!

Pure Acoustics was established to fulfill the need for high quality speakers of exceptional design at an affordable price. After years of research and development, and by manufacturing all parts ourselves - from the voice-coil to the uniquely-designed crossover - Pure Acoustics is able to offer you speakers of superior value.

Each speaker component has been designed and engineered with first-rate materials to produce exceptional sound. Our speakers offer the best of it all - high-quality sound, hand-made solid construction, and a remarkably stylish appearance.

We welcome you to witness the results. Our team's dedication to quality, reliability and attractive design has created some of the best-value speakers you can find today.

Reading this manual fully will help you to set up your speaker properly and reward you with a fine listening experience. Pure Acoustics distribution centers in Europe, Asia, Australia and the Americas will be happy to assist you with any questions you may have. Please look for the distributor nearest you on our web site, [www.pure-acoustics.com](http://www.pure-acoustics.com).

## Connections

Make sure all equipment is turned off. When connecting the speakers, be sure to retain the correct polarity. Most speaker cables will have (+) red sign for positive and (-) black sign for negative.

Connect the speaker cable to the positive (+) front-left speaker terminal on the amplifier and to the positive (+) terminal on the front-left speaker. Connect the speaker cable to the negative (-) front-left speaker terminal on the amplifier and to the negative (-) terminal on the front left speaker. Repeat the same step for the right-side front speaker. This method can be applied to bi-wire terminals as long as the shorting straps are in place. If your amplifier is equipped with bi-wire output connection, remove the shorting straps and connect each terminal to the associated terminal in your amplifier.

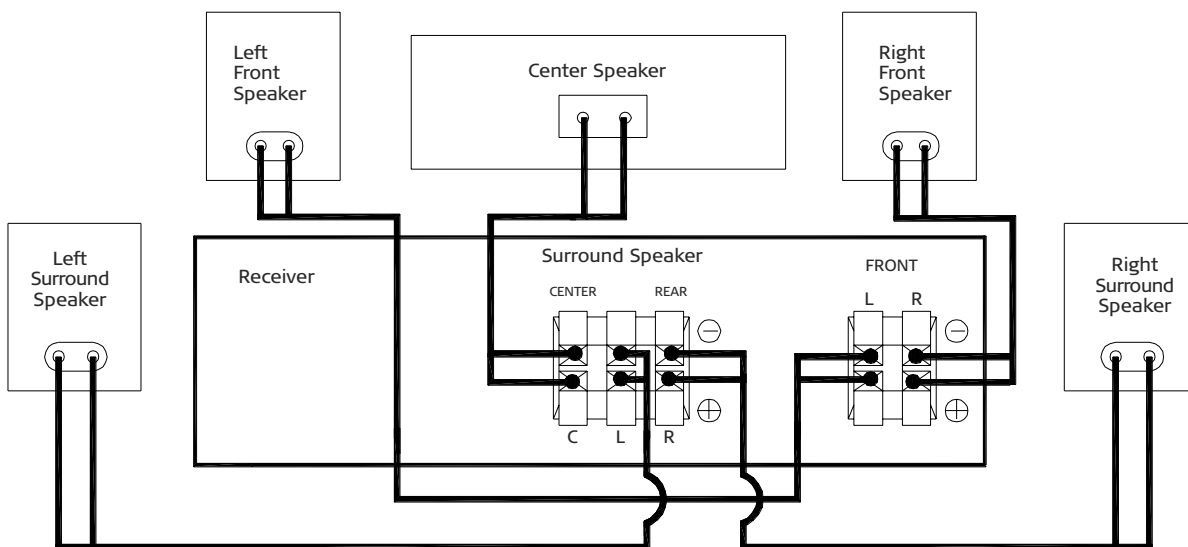
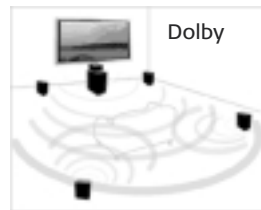
Connect the speaker cable to the positive (+) center speaker terminal on the amplifier and to the positive (+) terminal on the center speaker. Connect the speaker cable to the negative (-) center speaker terminal on the amp and to the negative (-) terminal on the center speaker.

Connect the speaker cable to the positive (+) rear left speaker terminal on the amplifier and to the positive (+) terminal on the rear-left speaker. Connect the speaker cable to the negative (-) rear-left speaker terminal on the amplifier and to the negative (-) terminal on the rear-left speaker. Repeat the same step for the right-side rear speaker.

## Position

- ▶ THE FRONT SPEAKERS should be placed on each side of your TV or in front of your favorite listening position. As a general guideline the space from the speakers to the listening position should be 1.5 times the distance between the speakers. For example if your listening position is 9ft (2.7m) away from the speakers, the distance between the speakers should be 6ft (1.8m)
- ▶ THE CENTER CHANNEL SPEAKER should be on top of or just above your TV.
- ▶ THE REAR (SURROUND) SPEAKERS should be positioned either to the side of, or behind, your listening position. Typical placement is on the side walls, slightly above ear level, about two-thirds of the way back from the front of the room. This allows the surround speakers to aim directly at the listener, placing you in the middle of a five-speaker sound field.

## Set-Up Diagram



## Running time and cleaning

The performance of the speakers may change during the initial use due to storage and mechanical limitations. Please allow 15 hours of use for the temperature effect and mechanical parts to attain their intended design characteristics.

Make sure to turn all equipment off before cleaning. The cabinet only requires occasional dusting. Please avoid touching the drive units.

## Limited one-year warranty

Pure Acoustics products have been designed and manufactured to the highest quality standards. However, in the event that something malfunctions, Pure Acoustics and your local authorized distributor warrant free of charge parts and labor (some exclusions may apply) for a period of one year. This warranty is only valid for the original owner. This warranty is limited to the repair of the product. This warranty will not apply to units that were subject to misuse, neglect, abuse, alteration or improper installation. This warranty will not cover damage due to fire, water, heat, lightning or any other cause beyond the control of Pure Acoustics. Retention of your original dated receipt is required in order to obtain warranty service from your local authorized Pure Acoustics Dealer.

## Technical Specifications

	XTI-F	XTI-C	XTI-S
POWER HANDLING	250 Watts	150 Watts	150 Watts
FREQUENCY RESPONSE (+/-3dB)	38Hz - 22Khz	60Hz - 150Khz	65Hz-150Khz
SENSITIVITY (+/-3dB)	92db	91db	90db
IMPEDANCE	4 - 8 Ohm	4 - 8 Ohm	4 - 8 Ohm
DRIVER COMPLEMENT	3 way Drav Fig.	2 way DRAV FIG. magnetic shielding bass reflex	2 way DRAV FIG.
WOOFER	Two 6.5" (165-mm) woofer FPC CON for low frequencies	Two 5.25" (133-mm) midwoofer- driver FPC CON	One 5.25" (133-mm) midwoofer- driver FPC CON
MIDRANGE	One 6.5" (165-mm) Mid-Driver FPC CON for mid frequencies		
TWEETER	1" (25-mm) silk SCOS dome	1" (25-mm) silk SCOS dome	1" (25-mm) silk SCOS dome
CROSSOVER FREQUENCY	2500 / 3500 Hz	2700 Hz	3500 Hz
DIMENSIONS (HXWXD)	106x20x31 Cm.	17x54x19 Cm	32x17x19 Cm
WEIGHT	16 Kg (each)	6 Kg (each)	9 Kg (pair)
FINISH	Black, Silver, Cherry, Beech, Mahogany, Maple	Black, Silver, Cherry, Beech, Mahogany, Maple	Black, Silver, Cherry, Beech, Mahogany, Maple
GRILLE	Black cloth	Black cloth	Black cloth
VIDEO SHIELDING	No	Yes	No

Design and specifications are subject to change without notice.

[www.pure-acoustics.com](http://www.pure-acoustics.com)