CRYSTAL ACOUSTICS

Reference Speakers

Experience Home Theatre **as the artist intended**

THX

Visit us at

IFA
CONSUMER ELECTRONICS UNLIMITED
BERLIN, 4–9 SEP 2015
Hall 7.2A / 111B

TX-T3 Special Edition

THX ULTRA2

Enjoy the absolute reference in music and movies listening

- THX Ultra2 Certified Speakers
- NEW design and tuning for deep bass without any need for a Sub
- Triple chamber towers for optimum low frequency reproduction
- Controlled dispersion, making every seat a good seat
- Luxurious combination of high gloss and black ash finish

Rotating top tweeter

Conical phase plug

Kevlar Woofer

Quick excursion suspension

Powerful woofer magnet

Gold plated, dual cable connectors

Black gloss finish with black ash wood veneer

Bass reflex port

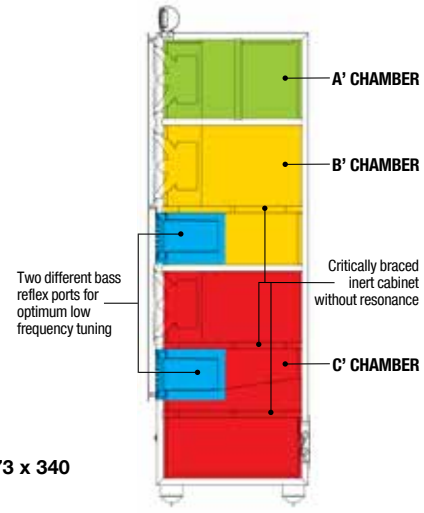
±1.5 dB

Horizontal and vertical dispersion with extremely flat and accurate frequency response

Technical Specifications

Input Power (Watt RMS)	**200**
Sensitivity (dB/2.83V/1m)	**92**
Impedance (Ohm)	**8**
Frequency Response (Hz)	**33 - 22k**
Woofer Midrange	**3 x 6.5”**
Tweeter	**1”**
Crossover	**3.5 way**
Maximum Power Handling (Watt)	**400**
Minimum Impedance (ohm)	**3,2**
Cabin Sub-chambers	**3**
Bass Reflex Ports	**2**
Electronic Protection	**Yes**
Gold Platted Connectors	**Yes**
Bi-Wiring	**Yes**
Magnetic Shielding	**Yes**
Dimensions WxHxD (mm)	**210 x 1073 x 340**
Color	**SE Black**

Triple Chamber Bass Control



TX-T2 Special Edition

THX ULTRA2

Excellent sound quality
Dual chamber enclosure and external top tweeter

- External, rotating tweeter for wide sound dispersion without diffractions.
- Excellent dispersion for a totally realistic, wide soundfield.
- Dual chamber design and bass reflex ports for powerful, room filling low frequencies.

Rotating top tweeter

Conical phase plug

Kevlar Woofer

Quick excursion suspension

Powerful woofer magnet

Gold plated, dual cable connectors

Black gloss finish with black ash wood veneer

Bass reflex port

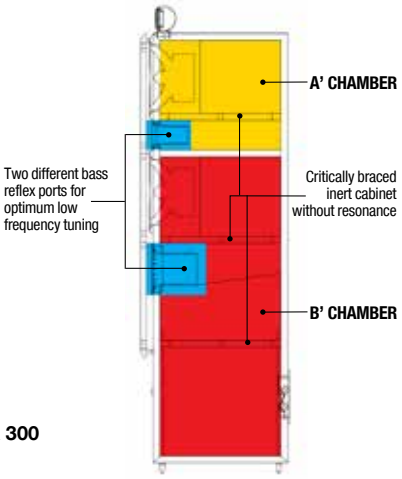
±1.5 dB

Horizontal and vertical dispersion with extremely flat and accurate frequency response

Technical Specifications

Input Power (Watt RMS)	**150**
Sensitivity (dB/2.83V/1m)	**91**
Impedance (Ohm)	**8**
Frequency Response (Hz)	**35 - 22k**
Woofer Midrange	**2 x 6.5”**
Tweeter	**1”**
Crossover	**2 way**
Maximum Power Handling (Watt)	**300**
Minimum Impedance (ohm)	**3,2**
Cabin Sub-chambers	**2**
Bass Reflex Ports	**2**
Electronic Protection	**Yes**
Gold Platted Connectors	**Yes**
Bi-Wiring	**Yes**
Magnetic Shielding	**Yes**
Dimensions WxHxD (mm)	**200 x 1011 x 300**
Color	**SE Black**

Dual Chamber Bass Control



ON WALL

BOOKSHELF

NEW MODEL

LCR-U

THX ULTRA2

THX Ultra2 Certified Speaker for all placements

- THX Ultra2 Certified Speakers
- Reduced cabin depth for easy placement
- Suitable for the Front or Center channel
- Elegant and discreet
- Wall mounting system attached on the speaker
- Controlled disperion for real-life dialogues anywhere you sit
- Black or white ash finish to match any décor

New Compact Design

Satisfying reproduction of all types of music

Controlled Sonic Dispression

Gold-palted Connectors

Gold plated, dual cable connectors

Quick excursion suspension

7" Woofer

Conical phase plug

Technical Specifications

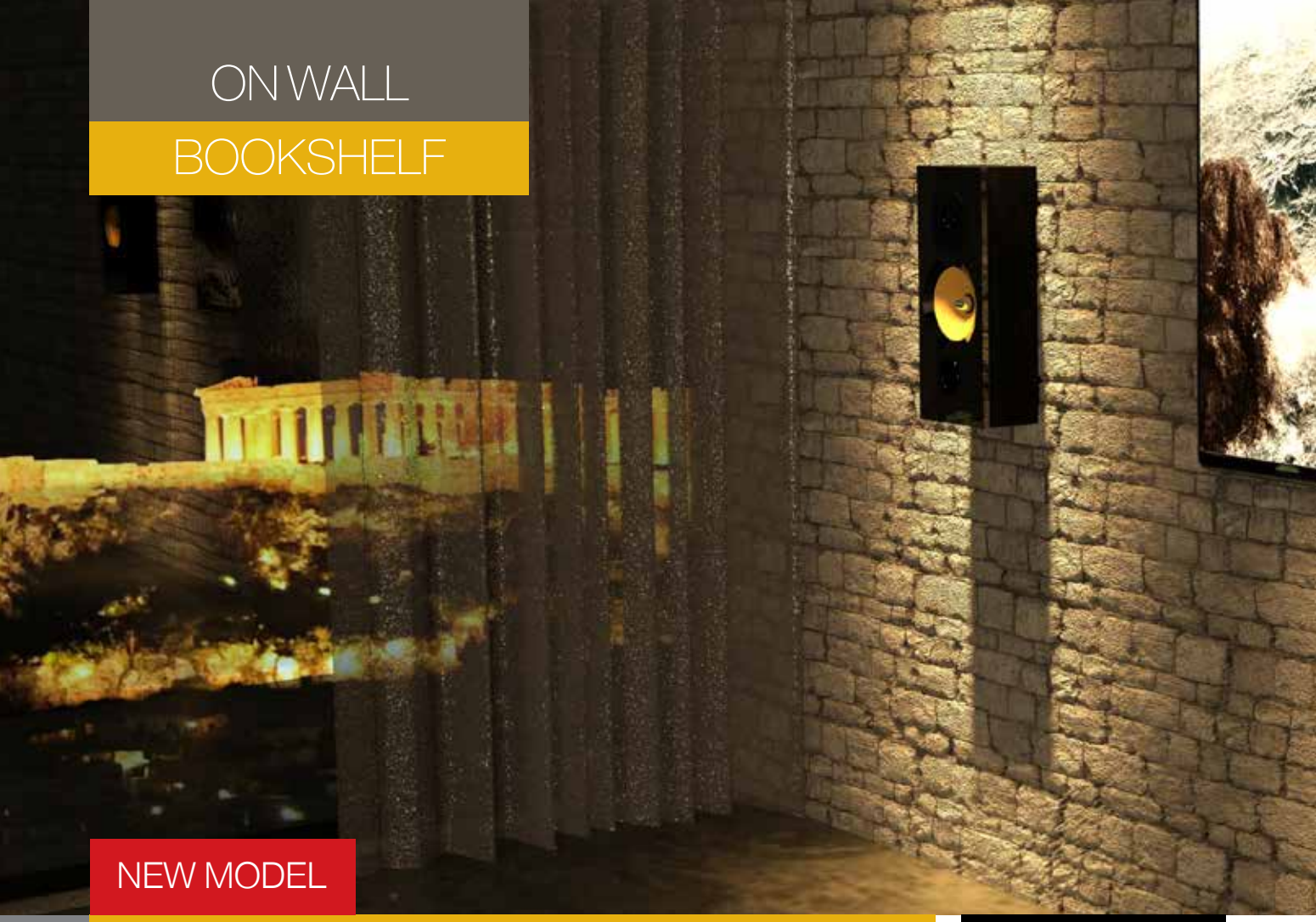
Input Power (Watt RMS)	**150**
Sensitivity (dB/2.83V/1m)	**91**
Impedance (Ohm)	**4**
Frequency Response (Hz)	**35 - 22k**
Woofer Midrange	**2 x 6.5”**
Tweeter	**1” Neodymium Magnet**
Crossover	**2 way**
Maximum Power Handling (Watt)	**300**
Minimum Impedance (ohm)	**3,2**
Electronic Protection	**Yes**
Gold Platted Connectors	**Yes**
Magnetic Shielding	**Yes**
Dimensions WxHxD (mm)	**300 x 600 x 170**
Color	**SE Black**

±1.5 dB

Horizontal and vertical dispersion with extremely flat and accurate frequency response

ON WALL

BOOKSHELF



NEW MODEL

LCR-S

THX SELECT

THX Select 2 Certified Speaker for all placements

- THX Select Certified Speakers
- Reduced cabin depth for easy placement
- Suitable for the Front or Center channel
- Elegant and discreet
- Wall mounting system attached on the speaker
- Controlled disperion for real-life dialogues anywhere you sit
- Black or white ash finish to match any décor

New Compact Design

Satisfying reproduction of all types of music

Controlled Sonic Dispression

Gold-palted Connectors

Gold plated, dual cable connectors

Quick excursion suspension

7" Woofer

Conical phase plug

Technical Specifications

Input Power (Watt RMS)	**100**
Sensitivity (dB/2.83V/1m)	**89**
Impedance (Ohm)	**4**
Frequency Response (Hz)	**45 - 22k**
Woofer Midrange	**6.5”**
Tweeter	**1” Neodymium Magnet**
Crossover	**2 way**
Maximum Power Handling (Watt)	**200**
Minimum Impedance (ohm)	**3,2**
Electronic Protection	**Yes**
Gold Platted Connectors	**Yes**
Magnetic Shielding	**Yes**
Dimensions WxHxD (mm)	**210 x 460 x 140**
Color	**Special Edition Black**

±1.5 dB

Horizontal and vertical dispersion with extremely flat and accurate frequency response

THX-D

THX SELECT

Create the real cinematic "in-the-action" sound for your Home Theatre setup

- Awarded THX Select Certified Dipoles
- Dipole design for immersing effects
- Electronic protection at the tweeters for safe function at high levels
- Balanced sound reproduction for realistic effects and ambient sounds
- Wall mounting system attached on the speaker
- Luxurious combination of high gloss and black ash finish

Conical phase plug

Kevlar Woofer

Quick excursion suspension

Powerful woofer magnet

Gold plated, dual cable connectors

Black gloss finish with black ash wood veneer

Bass reflex port

±1.5 dB

Horizontal and vertical dispersion with extremely flat and accurate frequency response

Technical Specifications

Input Power (Watt RMS)	**100**
Sensitivity (dB/2.83V/1m)	**88**
Impedance (Ohm)	**8**
Frequency Response (Hz)	**45 - 22k**
Woofer Midrange	**1 x 6.5”**
Tweeter	**1” Neodymium Magnet**
Crossover	**2 way**
Maximum Power Handling (Watt)	**200**
Minimum Impedance (ohm)	**6,4**
Cabin Sub-chambers	**1**
Bass Reflex Ports	**1**
Electronic Protection	**Yes**
Gold Platted Connectors	**Yes**
Bi-Wiring	**Yes**
Magnetic Shielding	**Yes**
Dimensions WxHxD (mm)	**310 x 310 x 147**
Color	**SE Black**

TX-T1

Dual chamber enclosure for rich and clean low frequencies

- Dual chamber design and bass reflex ports for powerful, room filling low frequencies.
- Excellent dispersion for a totally realistic, wide soundfield.
- Electronic protection for safe operation on high listening levels.

Conical phase plug

Kevlar Woofer

Quick excursion suspension

Powerful woofer magnet

Gold plated, dual cable connectors

Black gloss finish with black ash wood veneer

Bass reflex port

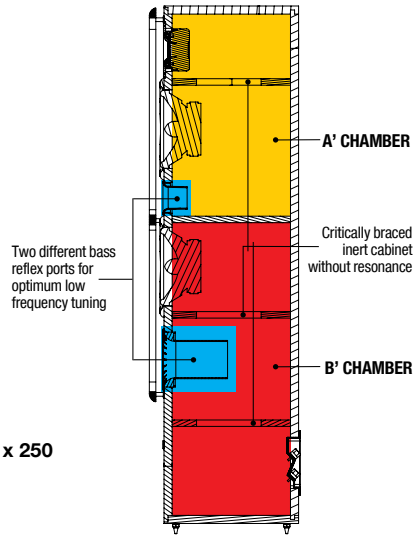
±1.5 dB

Horizontal and vertical dispersion with extremely flat and accurate frequency response

Technical Specifications

Input Power (Watt RMS)	**150**
Sensitivity (dB/2.83V/1m)	**91**
Impedance (Ohm)	**8**
Frequency Response (Hz)	**35 - 22k**
Woofer Midrange	**2 x 6.5”**
Tweeter	**1”**
Crossover	**2 way**
Maximum Power Handling (Watt)	**300**
Minimum Impedance (ohm)	**3,2**
Cabin Sub-chambers	**2**
Bass Reflex Ports	**2**
Electronic Protection	**Yes**
Gold Platted Connectors	**Yes**
Bi-Wiring	**Yes**
Magnetic Shielding	**Yes**
Dimensions WxHxD (mm)	**180 x 961 x 250**
Color	**SE Black**

Dual Chamber Bass Control



TX-B1

Bookshelf speaker with external top tweeter

- External, rotating tweeter for wide sound dispersion without diffractions.
- Quick, tight and powerful low frequency output from the 6.5” woofer.
- Optimised low frequency output with bass reflex port. High quality performance from a small enclosure.
- Realistic music reproduction even without a subwoofer.

Rotating top tweeter

Conical phase plug

Kevlar Woofer

Quick excursion suspension

Powerful woofer magnet

Gold plated, dual cable connectors

Black gloss finish with black ash wood veneer

Bass reflex port

±1.5 dB

Horizontal and vertical dispersion with extremely flat and accurate frequency response

Technical Specifications

Input Power (Watt RMS)	**100**
Sensitivity (dB/2.83V/1m)	**89**
Impedance (Ohm)	**8**
Frequency Response (Hz)	**45 - 22k**
Woofer Midrange	**1 x 6.5”**
Tweeter	**1” NEODYMIUM MAGNET**
Crossover	**2 WAY**
Maximum Power Handling (Watt)	**200**
Minimum Impedance (ohm)	**3,8**
Cabin Sub-chambers	**1**
Bass Reflex Ports	**1**
Electronic Protection	**Yes**
Gold Platted Connectors	**Yes**
Bi-Wiring	**Yes**
Magnetic Shielding	**Yes**
Dimensions WxHxD (mm)	**194 x 330 x 230**
Color	**SE Black**

ON WALL

BOOKSHELF

NEW MODEL

Compact

Slim speaker suitable for all Front, Center and Surround channels

- Slim and elegant speaker that can be placed anywhere
- Suitable for the Front, Center or Surround channel
- Elegant and discreet
- Wall mounting system attached on the speaker
- 2x3" powerful woofers for clear and uncompressed sound
- To be partnered with a subwoofer to deliver a level of performance previously unheard of, at this modest price point

New Compact Design

Satisfying reproduction of all types of music

Electronic Tweeter Protection

Gold-Plated Connectors

Luurious Glossy Black Finish

3" Woofer

±1.5 dB

Horizontal and vertical dispersion with extremely flat and accurate frequency response

Technical Specifications

Input Power (Watt RMS)	**100@120Hz, 150@150Hz**
Sensitivity (dB/2.83V/1m)	**90**
Impedance (Ohm)	**8**
Frequency Response (Hz)	**120 - 22k**
Woofer Midrange	**2 x 3”**
Tweeter	**1” Aluminum**
Crossover	**2 way**
Maximum Power Handling (Watt)	**250@200Hz**
Minimum Impedance (ohm)	**4**
Electronic Protection	**Yes**
Gold Platted Connectors	**Yes**
Magnetic Shielding	**Yes**
Dimensions WxHxD (mm)	**80 x 105 x 440**
Color	**Piano Black**

THX SELECT

Designed to be used with **THX Select** Certified Subwoofers and 150Hz AV receiver crossover

Essential Knowledge

Which amplifier should I choose?

Anyone!
Crystal Acoustics loudspeakers are "friendly" towards any amplifier because of their:

High Sensitivity
This means that even relatively low power amplifiers can yield high output. Even a few watts of power from your amplifier are more than enough, for an SPL output that will allow you to enjoy music and movies.

Nominal Impedance rating of 8 Ohm
This means that these loudspeakers are not considered a difficult load for amplifiers in general. The impedance of each loudspeaker is variable in accordance to the frequency and thus on many frequencies it happens to be far more than 8 Ohm. The best measurement is that of the lowest impedance.

Low impedance loudspeakers benefit from higher sensitivity and powerful output, because they draw more power from the amplifier. For this reason, loudspeakers with lower impedance are preferable, but no lower than 3.2 Ohm.

Many amplifiers offer two choices (6 or 8 Ohm) as per the loudspeaker setting. It is best to choose the 6 Ohm setting in case you connect a second pair of loudspeakers with a minimum impedance between the 3 to 4 Ohm mark. This case would occur if you connected a pair of TX-B1 instead of a THX-D for the surround channels or on a second zone in another room.

High maximum power rating
If you crave high level listening, Crystal Acoustics loudspeakers are designed for high output without being prone to damage. The tweeters' electronic protection on all of our loudspeaker range protects and warns of imminent damage or failure of the high frequency units, as well as of your AV amplifier.

In case you surpass the safe operational levels of the loudspeaker or your amplifier outputs audible distortion, the electronic protection circuit will temporarily cut-off the audio signal from reaching the tweeters. In this case, you must lower your amplifier's volume.

In any case though, we encourage you to purchase the best and most powerful amplifier you can within your budget. The more powerful the amplifier, the lower the chance of distorted signal output. This way you will protect the loudspeakers and also, you will enjoy higher quality, uncompressed audio.

What is THX ?

THX, the trademark of THX Ltd., is the ultimate set of standards for home cinema sound. It incorporates a series of patented electronic and loudspeaker specifications designed to bring the cinema experience right into your home.

THX Certified home theatre products deliver cinema-quality picture and Hi-end sound to home environments. Through optimized audio-visual technology and speaker placement, you get a movie experience at home that's as faithful as possible to what the director intended.

Products certified by THX guarantee the best possible quality in music and theatre sound.

THX Certification is the "seal of approval" in loudspeaker quality. It is the absolute guarantee that your loudspeakers will reproduce all music and film material in the way that the composer and film director respectively intended.

Why should I choose THX certified loudspeakers?

THX Certified Home Theater products offer the most consistently accurate, trouble-free audio reproduction. THX certified equipment offers comprehensive solutions for multichannel audio formats based on their end to end home entertainment expertise and ensure:

- Dialogue clarity
- Sharp audio positioning
- Enveloping surround sound that puts the audience into the action
- Thunderous bass and crystal clear highs
- Maximum contrast between quiet and loud sounds
- Smooth and continuous audio steering

What are the advantages of front & centre THX Certified loudspeakers?

Front channel imaging is extremely important in producing accurate sound. For films, the audio has to match the picture perfectly. Home THX front channel speakers improve dialogue intelligibility and imaging in two ways:

First, they provide wide horizontal dispersion. This allows for people sitting off-axis, to benefit from a full and flat frequency response.

The second technique is to control the speakers' vertical dispersion. Audio engineers have found that the ceiling and floor reflections deteriorate a speaker's sound "image". In addition, the coloration that occurs due to these vertical reflections, negatively affect intelligibility.

Is THX a multichannel format like Dolby Digital and DTS?

Many consumers erroneously consider THX a multi-channel audio format, similar to Dolby and DTS. THX is a certification program which guarantees the finest picture and sound quality for cinemas, mixing studios, home cinemas, Blu-rays, multimedia products, and luxury automotive vehicles.

Are THX loudspeakers suitable for music listening as well?

Yes. The speakers in a THX home cinema system (both Ultra2 and Select) are optimized for multi-channel audio (4 or 5.1 channels), so you get better imaging and clarity from the front speakers, and more envelopment from the surround speakers. Both of these benefits are ideal for music reproduction.

The correct placement of loudspeakers

Placing your front speakers

The greater the distance of the speakers from the walls, the better their frequency response.
Place the main speakers slightly in front of the TV and not at the same line with it, so that he distance of the main speakers from the listening position is identical to that of the center speaker. Placing the speakers this way, reduces the reflections from the TV screen as well.
The speakers must form an isosceles triangle with the listening position. The speakers are placed in font of the listener, just like a live orchestra.

The greater the distance between the main speakers, the wider the stereo image. However you must be careful not to place the speakers too far apart, or you will create an acoustic "hole" between them.

The tweeter must be placed at ear level when seated at the listening position and there should be no obstacles in the direct path between the loudspeakers and your ears.
Slightly turning the speakers towards the listening position improves the audio focus, but it reduces the dimensions of the sound image. This affects some speakers more than others. Experimentation is the best way to determine this...
All loudspeakers have a break-in period. Run the loudspeakers in moderate playback volume for at least 30 hours before critical listening.

Placing your Center speaker

Align its front in parallel with the TV screen, in order to reduce diffraction. Diffraction is the secondary sound generated when a sound wave meets a discontinuity.

If the center speaker is placed below the TV, tilt it upwards, towards the listeners. If it is placed above the TV, tilt it downwards accordingly.

Make sure that the centrer speaker is not placed above or below the tweeter level of the main speakers, by more than 60-70 cm.

Placing your Surround speakers

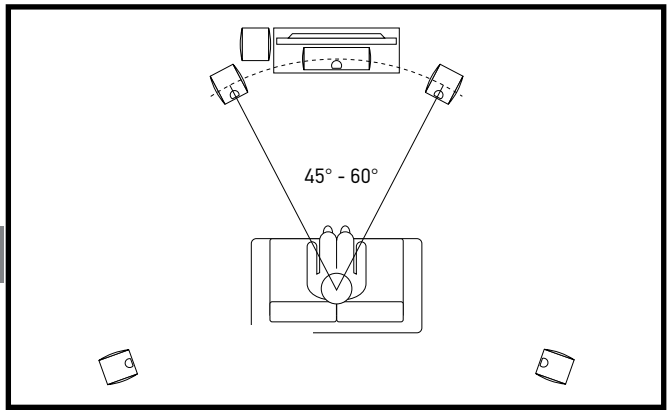
The reflections from the dipole or bipolar surround speakers are useful, as opposed to the reflections of the main loudspeakers that have a negative effect in sound quality.

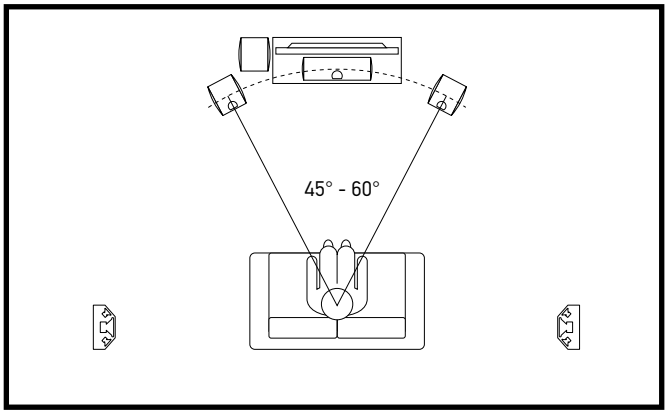
- **The tweeter must not aim your ears.**
- **The sound must be directed towards a wall so that it reaches your ears indirectly (reflected sound).**
- **It is preferable that they are placed at least 50cm above ear level.**

Placing your Subwoofer

The successful placement and adjustment of a subwoofer, requires extensive experimentation. A correctly placed and adjusted subwoofer generates sound waves that cannot be localized like the ones coming from a full range loudspeaker.
Place the subwoofer near the listening position. Play a jazz track with abundant, continuous low frequencies. Get down on your knees and start crawling around the edges of your room. Mark the exact point where the bass sounds the clearest. Now change places. Place the subwoofer on that exact spot and sit at your main listening position. You should hear the same, clean low frequencies.
Avoid placing the subwoofer in an equidistant position between two walls. If for example the width of the room is 8m, avoid placing the subwoofer at the middle of this distance (4 m).
Also, avoid placing your subwoofer in the corner and at the same distance from the two corner walls. Place the subwoofer as close to the listening position as possible. This way you will experience more of the direct output from your subwoofer, instead of the reflections of your room.

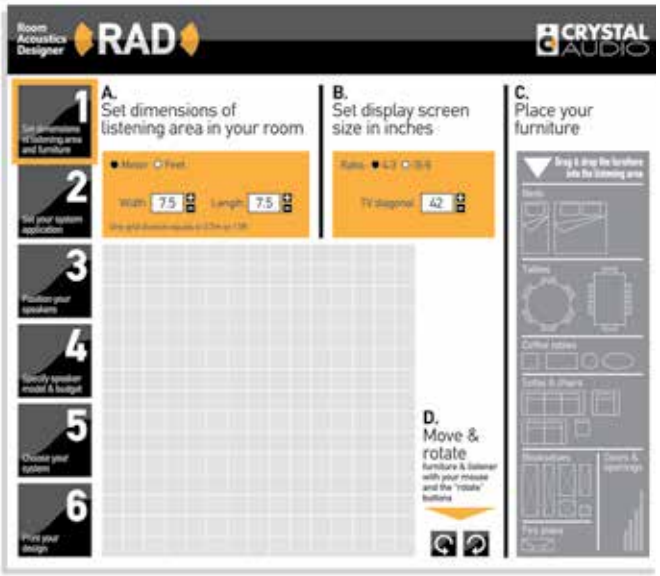
The use of two subwoofers, on the left and on the right of the listening position is ideal, albeit a more expensive solution.
The ideal location for the subwoofer may not be practical. Think of the decor of the room and make sure the subwoofers are not in the way.
Experiment with various locations based on the above suggestions. You will be rewarded with a much better audio experience.





Room Acoustics Designer®

Easily design the placement in your room



The Room Acoustics Designer is an interactive application, entirely designed by Crystal Acoustics. Through this tool, the user can choose various loudspeaker models, based on his personal preference as well as the room's size. At the same time, the program advises the user as for the placement of the loudspeakers, based on the room's dimensions as well as any furniture that is present.

The Room Acoustics Designer is more than a simple application that chooses loudspeakers according to user input.

The benefits of using RAD are:

• Optimal placement of the loudspeakers based on room dimensions as well as TV/projection screen size.

• A pleasant user interface that is easy to understand.

• When the user changes his listening position, all of the defined elements (loudspeakers, TV/projection screen) are automatically realigned to the acoustic principles.

The Room Acoustics Designer is a patented application and is free to use on Crystal Acoustics main website.

www.crystalacoustics.com

WiSound's Research & Development engineers cooperate with leading technology universities, organizations and institutes in order to develop new technologies and bring them to the use of the final customer.

We are especially proud for our cooperation with the leading Audio Laboratory of Patras University and professor Mourjopoulos.

The results of our engineering research have been presented on many major AES (Audio Engineering Society) conferences.
The themes include digital equalization of subwoofers and satellites with variable placement options. and a pioneering measurement, evaluation and design system for the digital equalization of Home Theatre.

Research and Development
Features and Benefits

Ultra narrow front baffle for clear, precise and focused stereo image.

A separate woofer unit that radiates sound from the back of the loudspeaker for pleasant and room filling sound that is as realistic as possible.

Diffused high frequency soundfield. An indirect portion of sound reaches the listener, creating a spacious and enveloping sensation.

Bipolar pair with wide dispersion, according to the THX specifications. Enjoy a perfect sense of depth like in a real live concert or action flick.

Downfiring woofer with Uniform LFE dispersion. The subwoofer is not localizable, even at higher crossover settings.

Extremely linear behavior. Very rigid and low mass material. Ultra fast response. Clear, smooth, detailed low and mid frequencies.

Magnetic shielding for the protection of CRT TVs, magnetic storage media and other sensitive equipment.

Electronic tweeter protection for the early warning against possible loudspeaker or AV receiver damage.

8-inch woofer made of light, rigid material for extended low frequency output, despite the small enclosure.

10-inch woofer made of light, rigid material for extended low frequency output in normal sized rooms.

12-inch light material woofer Thunderous bass and excellent extension for lifelike realism in music and movies.

High quality 120W power amplifier for clean, extended low frequencies with quick transitions.

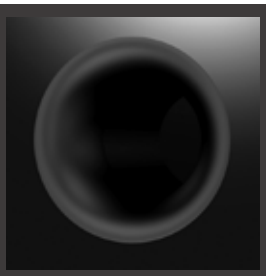
High quality 200W power amplifier for high, undistorted output and clean, extended low frequencies with quick transitions.

On wall installation for less cables and more free space on your floor.

Wireless amplifiers for the conversion of any loudspeaker to a cable-free unit, with high quality uncompressed digital sound.

Rotating, top mounted tweeter for a more precise high frequency focus and wide stereo imaging with no diffractions.

High gloss finish with real wood veneer sides, for the extra elegance your room is craving for.



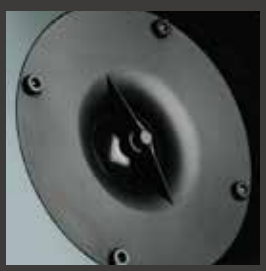
Bass Reflex port for a wide 360 degree dispersion. Realistic, clean bass with excellent separation from the mid and high frequencies.

High power magnet woofer for extensive output with low distortion, even with small amplifiers.

Molded frame made of high quality mechanical parts with excellent magnetic properties.

Conical phase plug for wide mid and high frequency dispersion.

Kevlar woofer for extremely linear mid and low frequency response.



Tweeter with protective "lens" for a precise, wide stereo image with no diffractions.

Alucone woofer from a synthetic, high mass material of extreme rigidity and velocity, for precise reproduction, clean transitions and undistorted sound.

Aluminum 1" tweeter with high density magnet, for excellently detailed high frequencies.

Choose the ideal combination

1. SPEAKER TYPES

MAIN

SURROUND

	TX-T3 SE SPECIAL EDITION	TX-T2 SE SPECIAL EDITION	TX-T1	TX-B1	LCR-U
INPUT POWER (Watt RMS)	200	150	150	100	150
SENSITIVITY (dB/2.83V/1m)	91	91	91	89	91
IMPEDANCE (Ohm)	8	8	8	8	8
FREQUENCY RESPONSE (Hz)	33- 22k	35 - 22k	36 - 22k	45 - 22k	35 - 22k
SUBWOOFER					
WOOFER /MID	3 x 6.5"	2 x 6.5"	2 x 6.5"	1 x 6.5"	2 x 6.5"
MIDRANGE					
TWEETER	1" NEODYMIUM MAGNET	1" NEODYMIUM MAGNET	1" SILK DOME	1" NEODYMIUM MAGNET	1" NEODYMIUM MAGNET
CROSSOVER	3,5 WAY	2 WAY	2 WAY	2 WAY	2 WAY
MAX POWER HANDLING (WATT)	400	300	300	200	300
MINIMUM IMPEDANCE (OHM)	3,2	3,2	4	3,8	3,2
CABIN SUB-CHAMBERS	3	2	2	1	2
BASS REFLEX PORTS	2	2	2	1	2
ELECTRONIC PROTECTION	•	•	•	•	•
GOLD PLATTED CONNECTORS	•	•	•	•	•
BI-WIRING	•	•	•	•	•
MAGNETIC SHIELDING	•	•	•	•	•
DIMENSIONS WxHxD (mm)	210 x 1073 x 340	200 x 1011 x 300	180 x 961 x 250	194 x 330 x 230	300 x 600 x 170
WALL MOUNT					•
HORIZONTAL & VERTICAL PLACEMENT					•
COLORS	SE BLACK	SE BLACK	SE BLACK	SE BLACK	SE BLACK

SE BLACK

Black gloss finish with black ash wood veneer

2. TYPE OF USE

	TX-T3 SE SPECIAL EDITION	TX-T2 SE SPECIAL EDITION	TX-T1	TX-B1	LCR-U
2.0	✓	✓	✓	✓	✓
2.1				✓	✓
5.1	✓	✓	✓	✓	✓
7.1	✓	✓	✓	✓	✓

3. SUGGESTED SYSTEMS

5.1 TX-T2-12

7.1 TX-T3-12

7.4 TX-T2-12

for the best performance in your room!

CENTER

SUBWOOFER

LCR-S	COMPACT	THX-C	THX-D DIPOLE	TX-8 SUB	THX-10 SUBt	TX-12 SUB
						
100	125 @ 150Hz	100	100	100	100	200
89	90	89	88			-
8	8	8	8			-
45 - 22k	120 - 22k	45 - 22k	45 - 22k	45- 180	20-350	15-350
				8"	10"	12"
1 x 6.5"	2 x 3"	1 x 6.5"	1 x 6.5"			
1" SILK DOME	1" ALUMINUM	1" NEODYMIUM MAGNET	2 x 1" SILK DOME			
2 WAY	2 WAY	2 WAY	2 WAY		THX & VARIABLE	THX & VARIABLE
200	250 @ 200Hz	200	200	200	240	400
3,8	4	3,2	6,4			-
1	1	1	1	1	1	1
1	1	2	1	1	2	2
•	•	•	•			
•	•	•	•	•	•	•
•	•	•				
•	•	•	•	•	•	•
210 x 460 x 140	80 x 105 x 440	550 x 215 x 162	310 x 310 x 147	22 x 42 x 39	28 x 47 x 47	350 x 471 x 470
•	•	•	•			
•	•					
SE BLACK	SE BLACK	SE BLACK	SE BLACK	SE BLACK	BLACK	SE BLACK
✓						
✓	✓			✓	✓	✓
✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓

5.1 LCR-S-12

5.1 LCR-U-12

5.1 COMPACT-10

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