



ETX Demo

Live For Sound
www.electrovoice.com





Track Selection



ETX Full Range Models

ETX-10P Full Range Loudspeaker

- Works well with most genre music, Full range demo track should have good vocal properties with slight emphasis on low end. Does well on 80's pop recording showcasing all round versatility with poorer materials
- NAMM Demo Track : Team - Lorde
- Other recommendations:
Light my fire from ZLX demo (for bigger rooms)



ETX-10P DSP settings

- DSP setting: Music, Tripod,
Subwoofer: None,
Live setting maybe used if the
recording is slightly dull
(80's pop),
ensure sound is not harsh in
the mid to mid-hi frequencies
for “Live”
- Ensure no other settings such
as delay and EQ have been
adjusted.



ETX-12P Full Range Loudspeaker

- Good clarity and all round performance should be demonstrated
- NAMM Demo Track :
Overdose – Ciara
(track may exhibit some distortion,
use with caution)
- Other recommendations :
Team – Lorde



ETX-12P DSP settings

- DSP setting: Music, Tripod,
Subwoofer: None,
Live setting may be used if
music is not too bright with
sufficient low end character
- Ensure no other settings such
as delay and EQ have been
adjusted.



ETX-15P Full Range Loudspeaker

- Emphasis on 15 inch Full Range performance should be demonstrated
- NAMM Demo Track:
Run Run Run – Celeste Buckingham
- Other recommendations:
It's Tricky – Run DMC,
Animal – Neon Trees



ETX-15P DSP settings

- DSP setting: Music, Tripod,
Subwoofer: None,
Live setting may be used if
music is not too bright with
sufficient low end character
- Ensure no other settings such
as delay and EQ have been
adjusted.





ETX Full Range with Subwoofers



ETX-10P paired with 2 ETX-15SP

- For maximum impact, 2x 15 inch subs are recommended
- For ETX-10P in Live DSP mode, there will be a slight increase in level
- Subwoofer gain may be turned down each -3 dB or left at 0 dB depending on material, listen for overall balance and don't let the sub drown the ETX-10P
- NAMM Demo Track: Human - Lorde
- Other recommendations:
Celeste Buckingham - Run Run Run



ETX-10P paired with 2 ETX-15SP - DSP settings

- DSP setting for ETX-10P: Music, Tripod, Subwoofer: 100 Hz or ETX-15SP, select best sounding mode for room
- DSP setting for ETX-15SP: Music
Location: Normal
Low Pass: 100 Hz or ETX-10P



ETX-12P paired with 2 ETX-15SP

- For maximum impact, 2x 15 inch subs to be used
- For ETX-12P in Live DSP mode, there will be an slight increase in level
- Subwoofer gain may be turned down each -3 dB or left at 0 dB depending on material, listen for overall balance and don't let the sub drown the ETX-12P
- NAMM Demo Track : Run for Cover – Cazzette, combo will work on processed pop recordings when ETX 12 set to live and subs set to music. system will show high degree of rhythmic drive.
- Other recommendations:
Digging on James Brown – Tower of power,
Home – Marc Broussard
Back in black – AC/DC



ETX-12P paired with 2 ETX-15SP - DSP settings

- DSP setting for ETX-12P: Music, Tripod, Subwoofer: 100 Hz or ETX-15SP, select best sounding mode for room
- DSP setting for ETX-15SP: Music
Location: Normal
Low Pass: 100 Hz or ETX-12P



ETX-15P paired with 2 ETX-18SP

- For maximum impact, 2x 18 inch subs to be used
- For ETX-15P in Live DSP mode , there will be an slight increase in level
- Subwoofer gain may be turned down each -3 dB or left at 0 dB depending on material , listen for overall balance
- Demo Track:
Home – Marc Broussard



ETX-15P paired with 2 ETX-18SP - DSP settings

- DSP setting for ETX-15P: Music, Tripod, Subwoofer: 100 Hz or ETX-18SP, select best sounding mode for room
- DSP setting for ETX-18SP: Music , Location: Normal , Low Pass: 100 Hz or ETX-15P



ETX-35P paired with 2 ETX-18SP

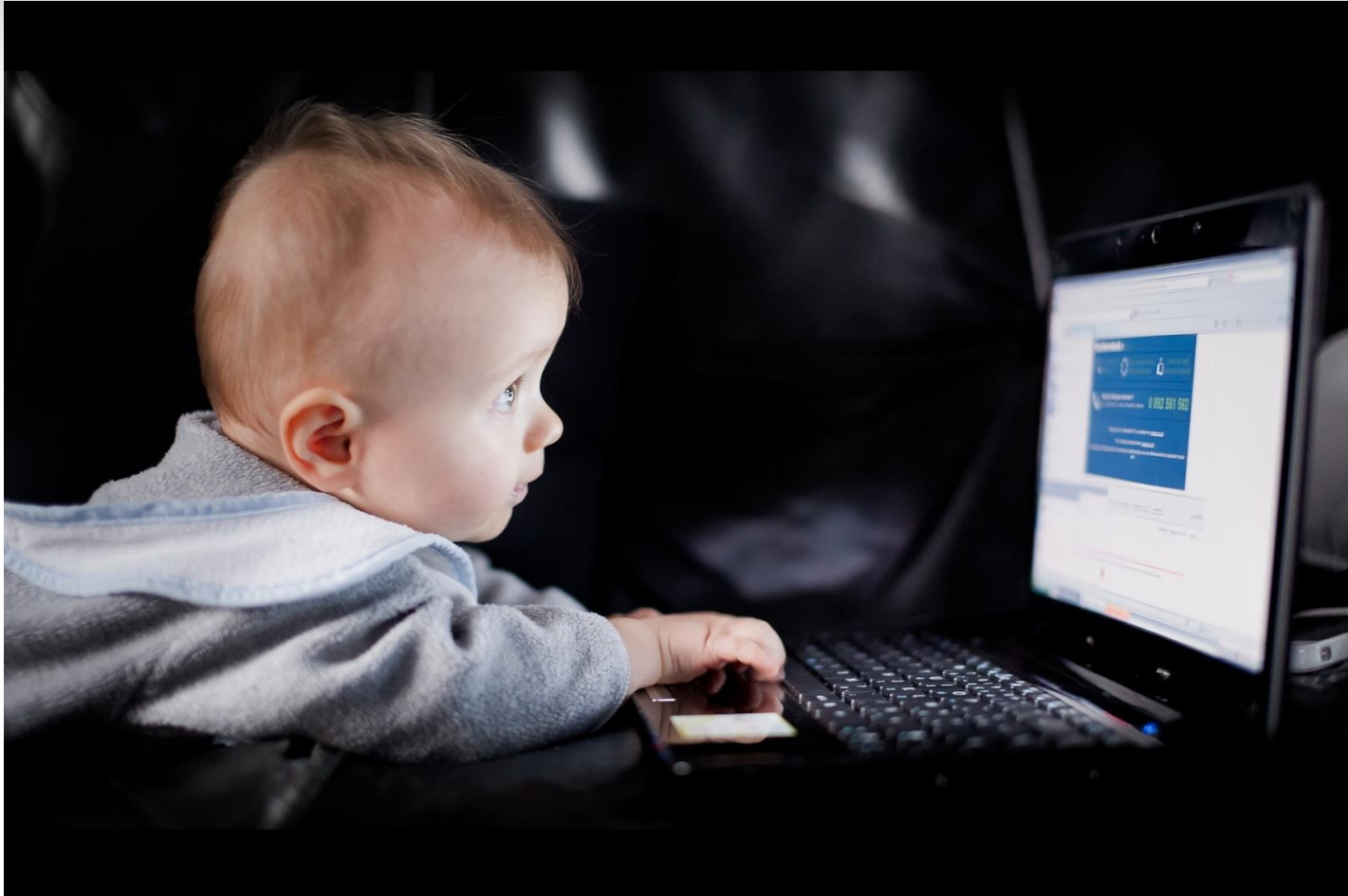
- For maximum impact, 2x 18 inch subs to be used
- NAMM Demo Track:
Hail to the King – Avenged Sevenfold,
- Other recommendations:
Boogieman – AC/DC,
system strength is more emphasis on
mids and low-mids, higher energy rock/blues/jazz
are suitable alternatives



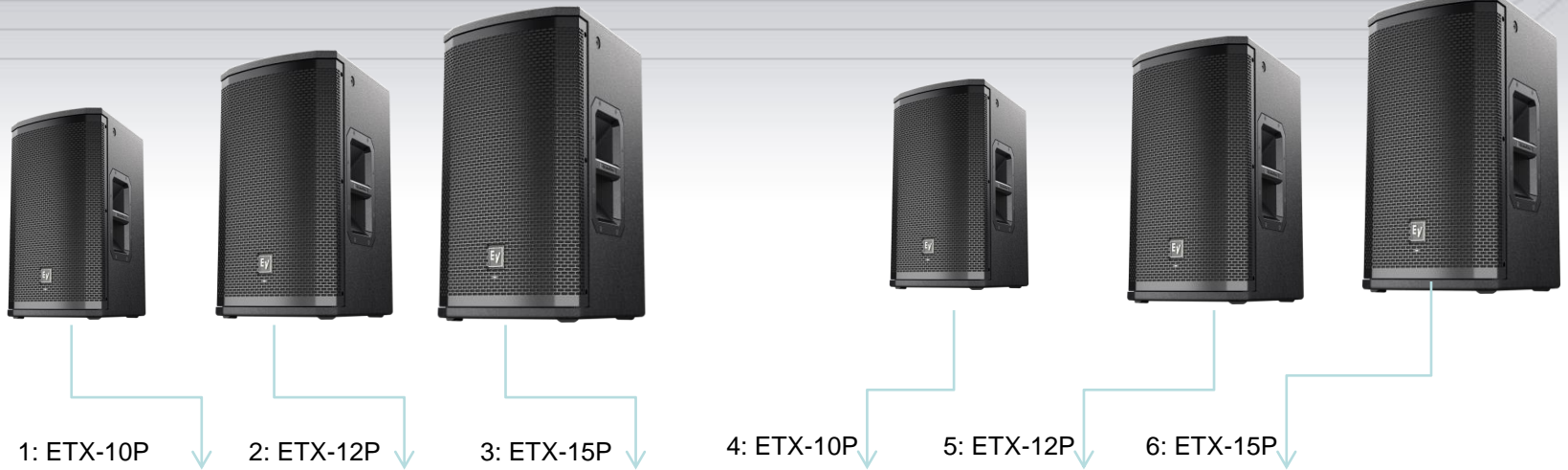
ETX-35P paired with 2 ETX-18SP - DSP settings

- DSP setting for ETX-35P: Music, Tripod, Subwoofer: 100 Hz or ETX-18SP, select best sounding mode for room
- DSP setting for ETX-18SP: Music
Location: Normal
Low Pass: ETX-35P or 100 Hz

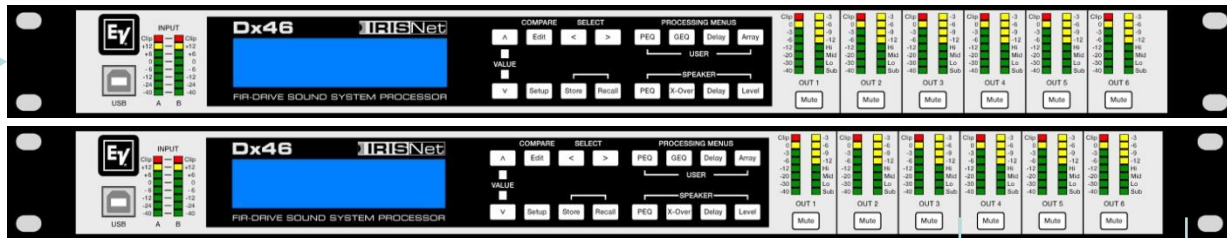




Recommended Configuration



AES/EBU input →



Using DX-46

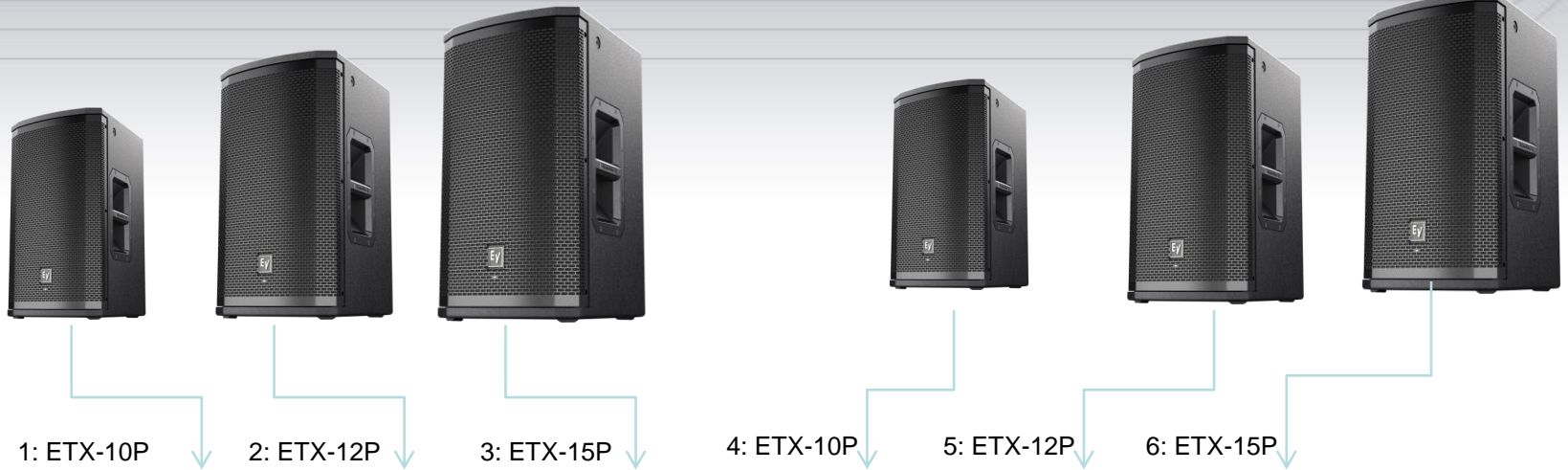


Equipment list

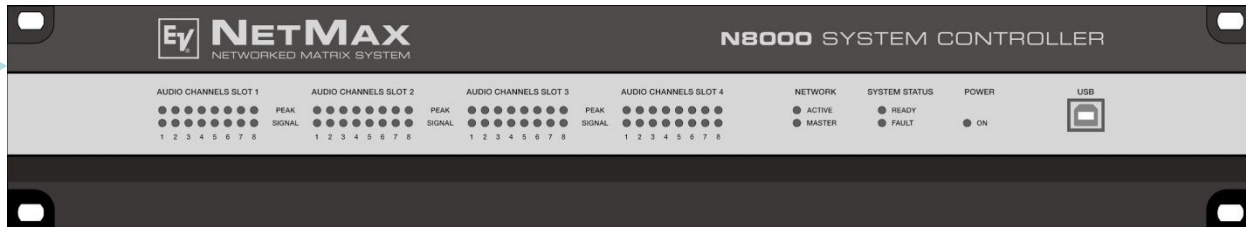
For optimum demo equipment using DX 46 signal processors:

- 1) DX46 – 2 pcs (AES/EBU preferred, due to wider dynamic range and lower noise floor)
- 2) 2 x ETX-10P
- 3) 2 x ETX-12P
- 4) 2 x ETX-15P
- 5) 2 x ETX-35P
- 6) 4 x ETX-15SP
- 7) 4 x ETX-18SP

This quantity allows single/dual subs demonstration where needed



AES/EBU
input/Dante



Using N8000



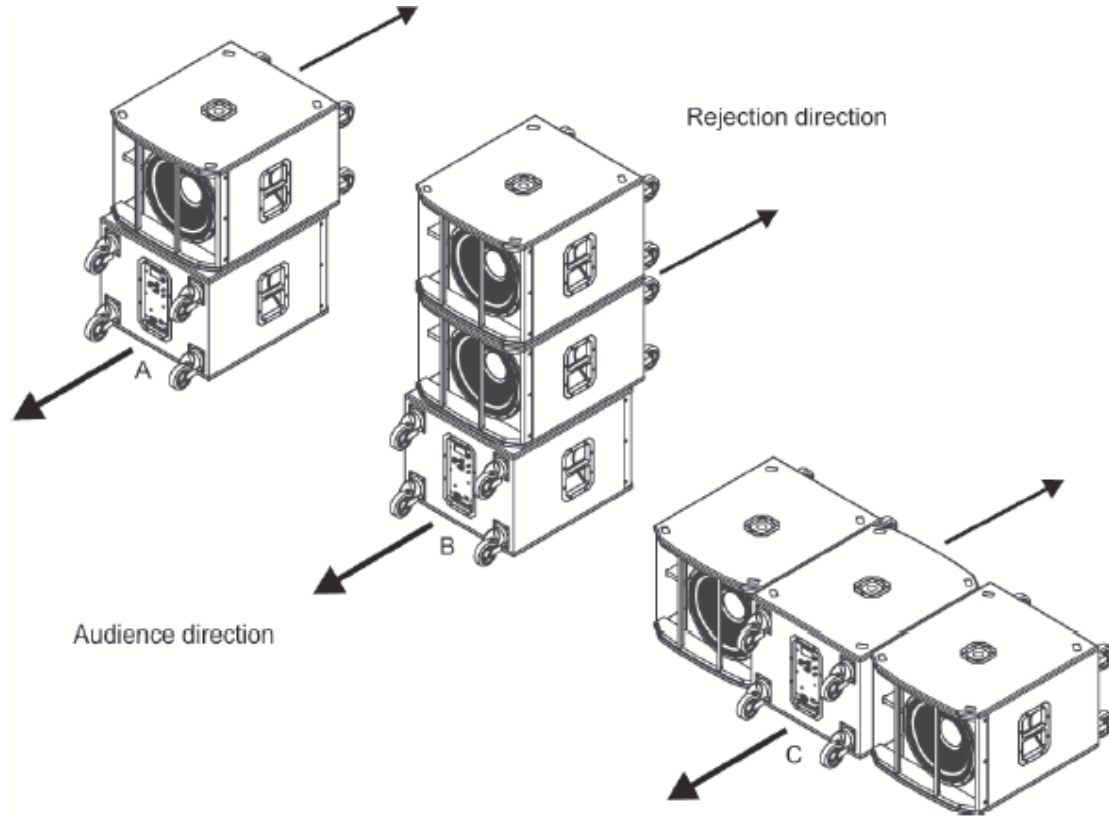
Equipment list for cardioid configurations

For optimum demo equipment needed:

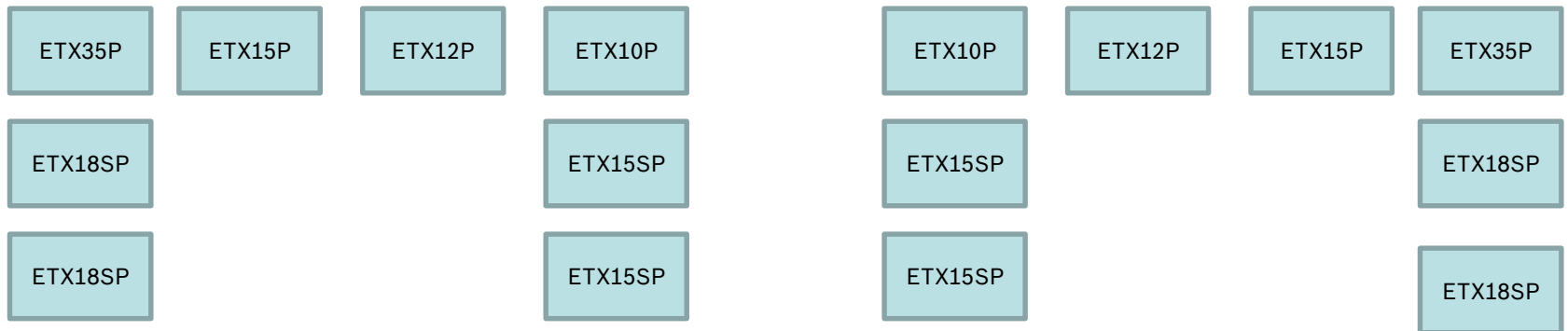
- 1) N8000 – 1 pc
- 2) DSP1/DSP2 – 1 pc
- 3) 1x AI-1 or 1xDM-1 or 1xDI-1
(Digital audio preferred due to wider dynamic range and lower noise floor)
- 4) 2x AO-1
- 5) 2 x ETX-10P
- 6) 2 x ETX-12P
- 7) 2 x ETX-15P
- 8) 2 x ETX-35P
- 9) 6 x ETX-15SP
- 10) 6 x ETX-18SP

This quantity allows single/dual subs demonstration where needed

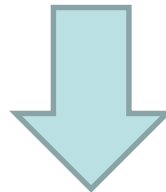
Cardoid Subwoofer options



Speaker positions



To audience



Sequence Of Events

Full Range

- Full Range mode on DSP
- ETX-10P->ETX-12P->ETX-15P->ETX-35P
- Mute all subwoofers

Pause

- Select Subwoofer type on Main and subwoofer speaker in DSP

Tops + Subs

- ETX-10P + ETX-15SP
->ETX-12P+ETX-15SP
->ETX-15P+ETX-18SP
->ETX-35P +ETX-18SP

DSP structure for cardioid subwoofer setup, cabinet facing the audience

Function

- Music

Location

- Normal

Subwoofer

- ETX10P/12P/15P/35P



DSP structure for cardioid subwoofer setup, cabinet facing the stage

Function

- Music

Location

- Cardioid

Subwoofer

- ETX10P/12P/15P/35P





Stand-alone Demo, pre-recorded source





DSP structure for ETX tops stand-alone full range

Function

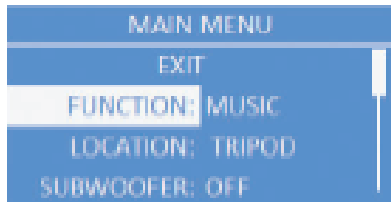
- Music

Location

- Tripod

Subwoofer

- Off



DSP structure for ETX tops with subwoofer

Function

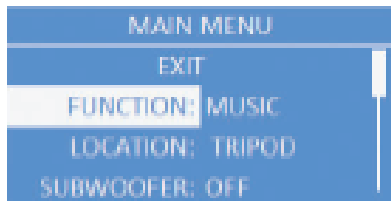
- Music

Location

- Tripod

Subwoofer

- ETX-15SP or
ETX-18SP



DSP structure for ETX subwoofer

Function

- Music

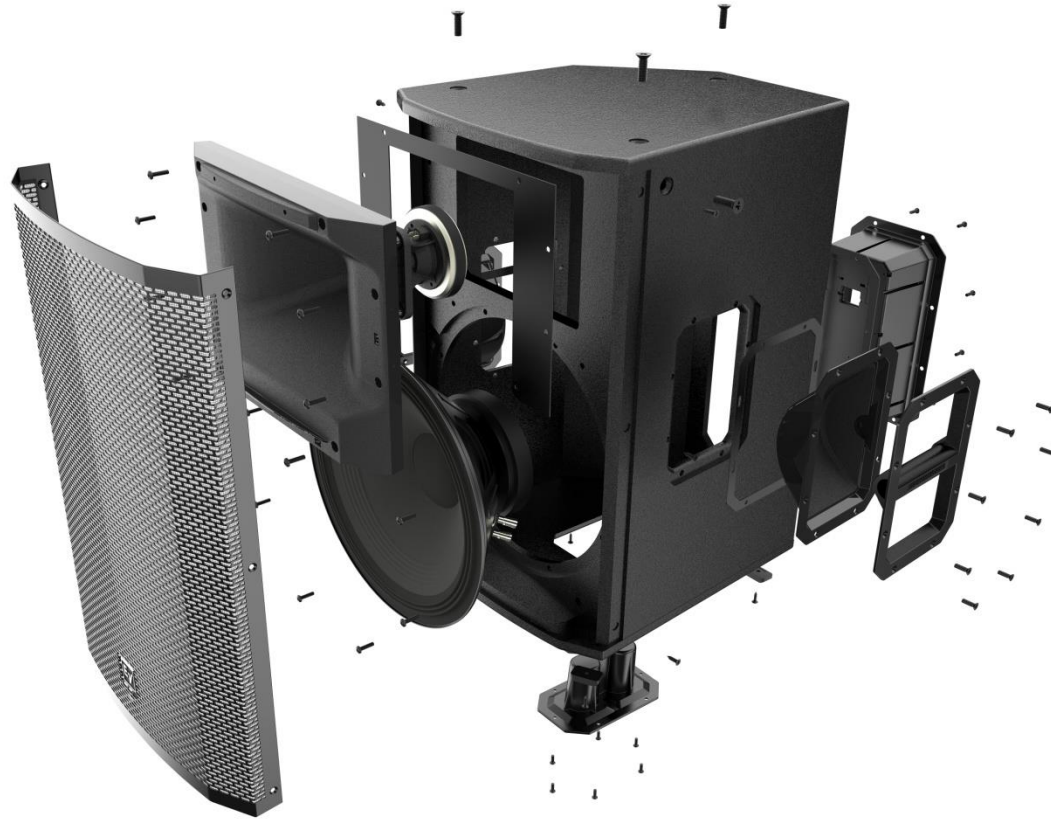
Location

- Normal

Low Pass

- **ETX10P /12P /15P /35P**





Final Checks

DSP structure for ETX tops

DSP

- Function/Location/Subwoofer settings the same
- Delay set to '0'
- Input and Output Level settings normalized at '0'



EQ

- All EQ settings for tops the same
- Check all EQs flat if unsure

Check

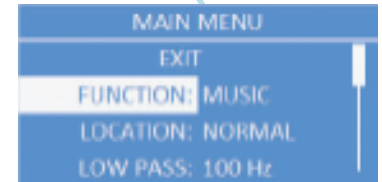
- Audio tracks, change if necessary
- Maximum limit before audio degradation



DSP structure for ETX subs

DSP

- Function/Location/Low Pass settings the same
- Delay set to '0'
- Output Level settings normalized at '0'



EQ

- All EQ settings for subs the same
- Check all EQs flat if unsure

Check

- Audio tracks, change if necessary
- Maximum limit before audio degradation

