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 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 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
- 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
Using DX-46


AES/EBU input

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
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

ETX35P
ETX18SP
ETX18SP

ETX15P
ETX15P
ETX15SP
ETX15SP

ETX12P
ETX15P
ETX15SP
ETX15SP

ETX10P
ETX12P
ETX15P
ETX18SP

ETX10P
ETX15P
ETX15SP
ETX15SP

ETX15SP
ETX15SP
ETX15SP
ETX18SP

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

<table>
<thead>
<tr>
<th>Function</th>
<th>• Music</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location</td>
<td>• Normal</td>
</tr>
<tr>
<td>Low Pass</td>
<td>• ETX10P/12P/15P/35P</td>
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</tbody>
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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