



KX200 Digital Processor Quick Start Guide

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01 - Download GUI

STEPS:

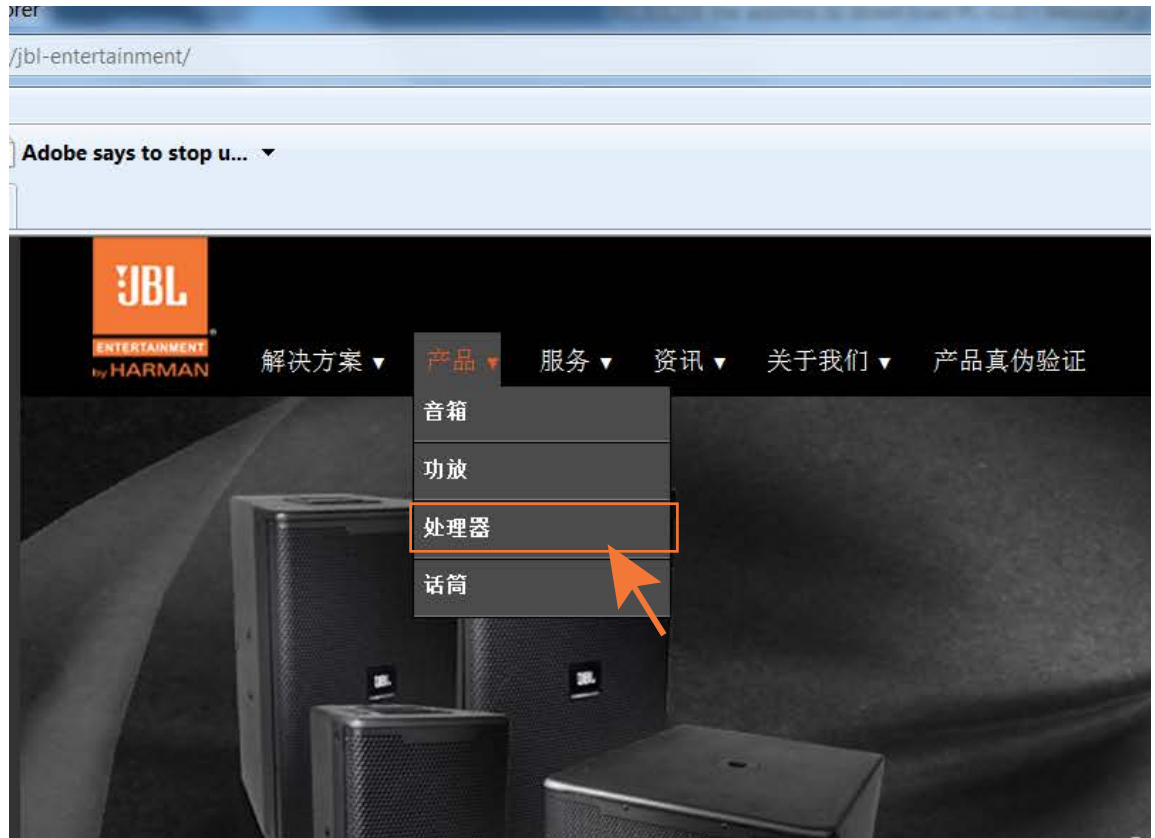
1. Copy and paste <http://www.harmanpro.com.cn/jbl-entertainment/> into your browser.



01 - Download GUI

STEPS:

2. Go to **Product (产品)**
3. Click **Processors (处理器)**



01 - Download GUI

STEPS:

4. Click the **KX200** as shown.

The screenshot displays the JBL Entertainment website interface. At the top, the JBL logo is accompanied by the text 'ENTERTAINMENT by HARMAN'. A navigation bar includes links for '解决方案' (Solutions), '产品' (Products), '服务' (Service), '资讯' (Information), '关于我们' (About Us), and '产品真伪验证' (Product Authenticity Verification). Below this, a breadcrumb trail reads '首页 > 产品 > 处理器' (Home > Products > Processors). The main content area is titled '处理器' (Processors) and features a large image of a JBL processor unit. To the left of this image, a text block describes JBL's long history of quality sound in entertainment venues like KTVs, nightclubs, and bars. Below the main image, a section titled '处理器分类' (Processor Classification) lists various models. The 'KX200' model is highlighted with a red box and a red arrow pointing to it. The description for the KX200 states it is a powerful digital effect processor designed for KTV markets, featuring multiple audio connections, a large LCD screen for parameter display, and intuitive touch controls for a karaoke experience.

JBL

ENTERTAINMENT
by HARMAN

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首页 > 产品 > 处理器

处理器

JBL娱乐音响携JBL数十年品质传承在中国推出的各系列扬声器系列，全面满足各类娱乐场所的听音需求，包括慢摇吧，迪厅，KTV，高端音乐会所，夜总会，慢摇吧，迪厅，俱乐部，练歌房，多功能厅，酒吧，咖啡馆。

处理器

JBL不断致力于做改进产品的相关研究生产方法、及新设计改良应用到现有产品，因此，任何当前JBL产品在某种程度上品，如无特别说明，这些产品仍等同

处理器分类

KX200

JBL KX200是一款专为KTV娱乐市场设计的、功能强大的数字效果处理器。它不仅提供多种音频连接，而且还融合了众推崇的dbx®处理器与Lexicon®效果器技术。大尺寸的LCD屏，显示参数信息更加全面和直观，使面板操作变得便捷。供更为直观的操作体验，手指轻点，所见即所得，给您带来美妙的卡拉OK体验。

KX200

01 - Download GUI

STEPS:

5. Go to **Download Technical Documentation** (技术支持资料下载)
6. Click **JBL KX200_Version 1.1.3.0** to download the GUI to your computer.



02 - Login GUI

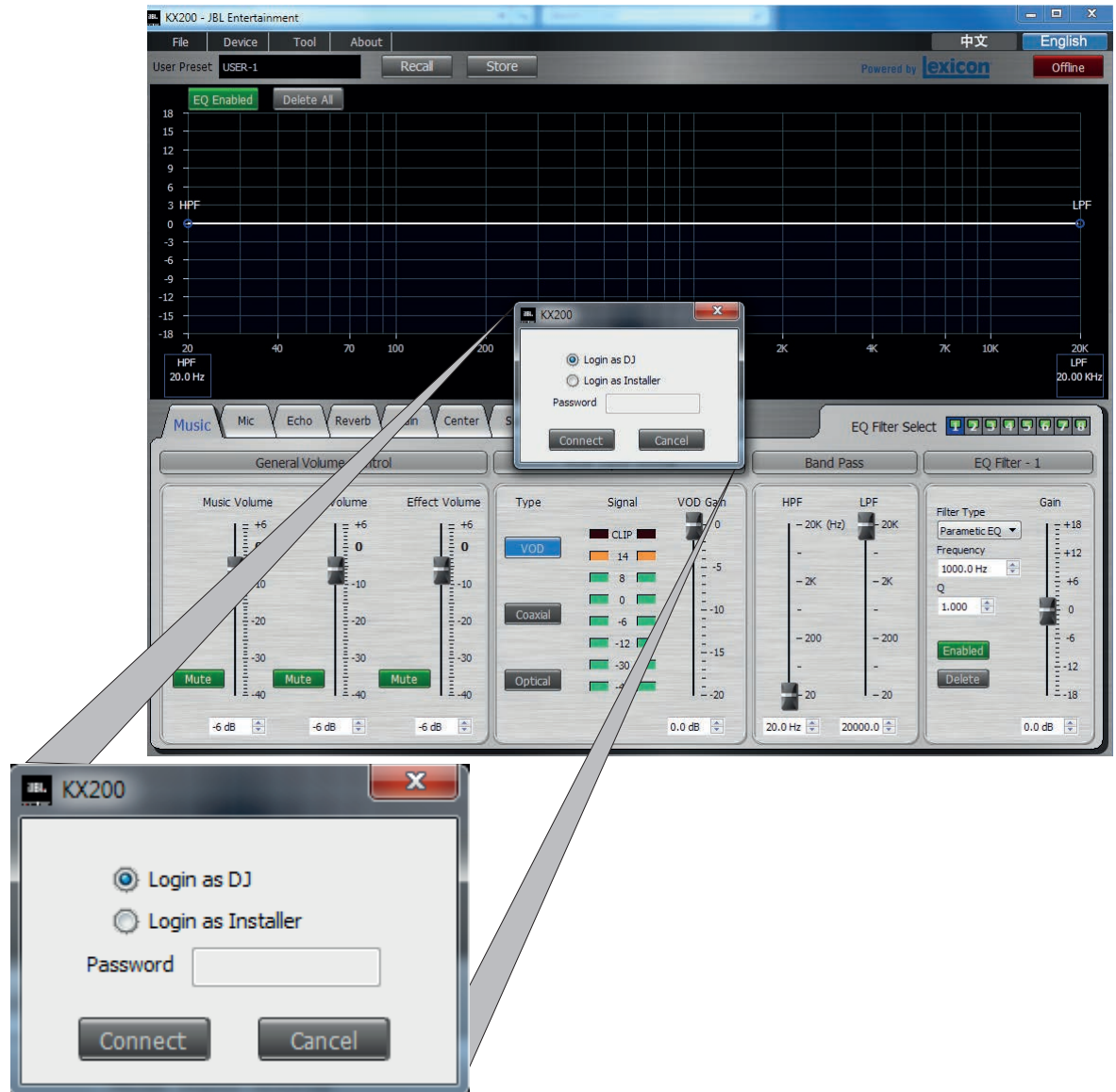
STEPS:

1. Power on KX200.
2. Connect KX200 to your computer through a USB cable.
3. Click to start the **KX200 GUI** from the downloaded file.
4. Click the connection status to **Connected**.
5. Choose to **login in as DJ** (as shown) or **as Installer** (see next page).

NOTE:

If logging in as DJ:

1. No password is required;
2. A number of functions are not operatable;
3. Settings and parameters are not adjustable.



02 - Login GUI

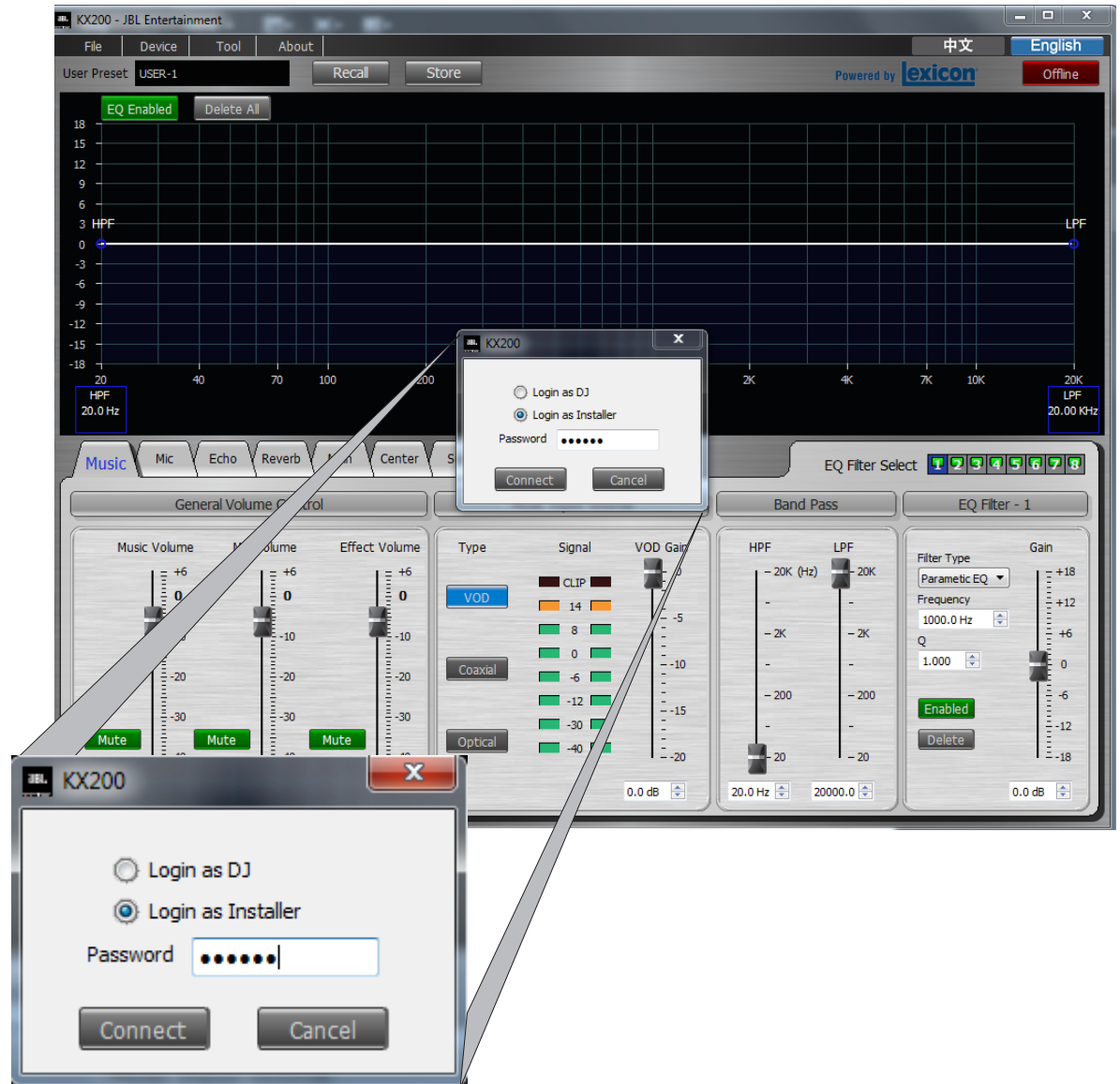
STEPS:

Login as Installer:

1. Select to **Login as Installer**.
2. Key in the **Factory-Setting Password 123456**.
3. Click **Connect** to login.

NOTE:

If logging in as Installer, settings and parameters can be adjusted and saved.



03 - Change Password

STEPS:

1. Log in as **Installer**.
2. Go to **Set Installer Password** under **Device**.
3. Change your password in the **Device Installer Password Setting** window as shown.
4. Click **OK**.

NOTE:

New password must contain 6 digits from '1' to '9'.



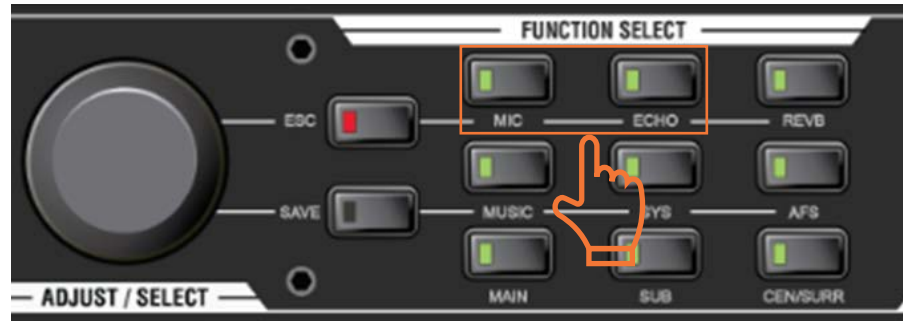
The screenshot shows the 'Device Installer Password Setting' window. It contains the following text and fields:

- Device installer password is 6 numbers from '1' to '9'.
- Old Password: [text input field]
- New Password: [text input field]
- Confirm New Password: [text input field]
- OK button
- Cancel button

04 - Reset Password

STEPS:

1. Switch off the power.
2. Press down both the **MIC** and the **ECHO** buttons on the front panel.
3. Switch on the power.
4. Release both buttons when the LCD screen displays as shown.
5. Choose **NO** or **YES** using the adjacent **ADJUST/SELECT** knob.
6. Press the knob.

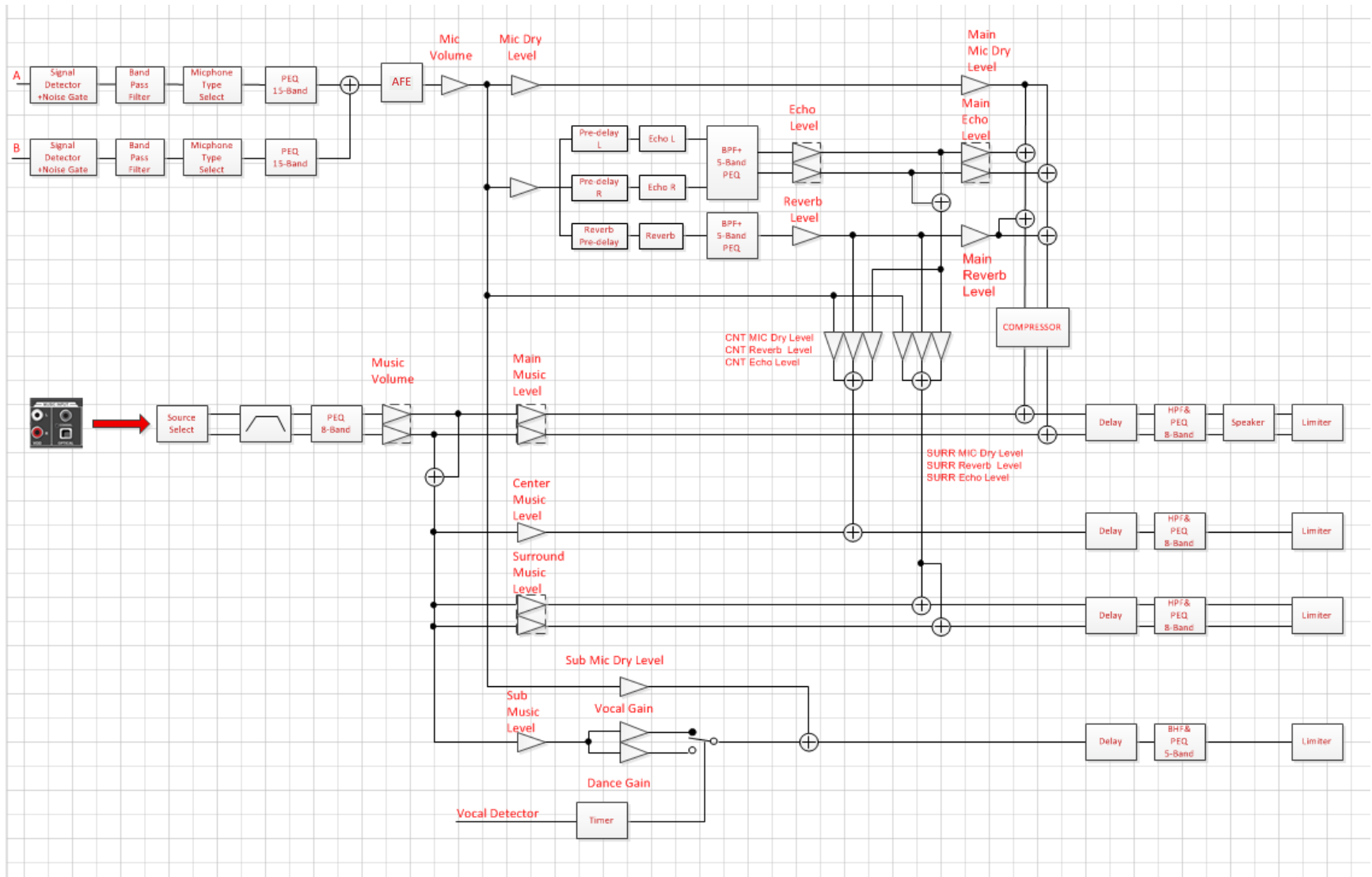


NOTE:

1. When **NO** is selected, password in current use will not be reset;
2. When **YES** is selected, password will be reset to **123456**.



05 - Block Diagram



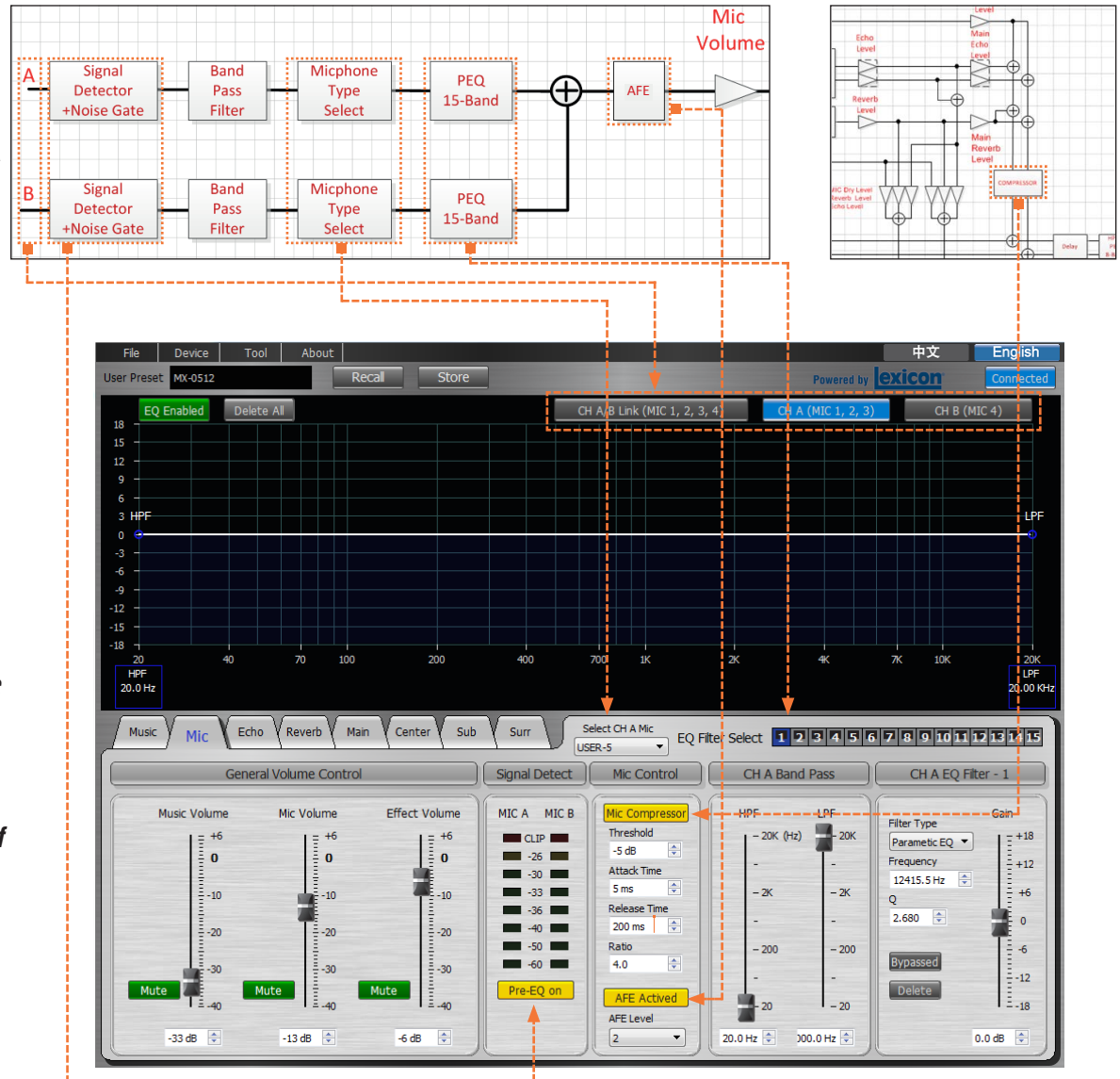
06 - Change MIC Settings

STEPS:

1. Click **Mic** menu button to enter the interface for mic settings.
2. Select **CH A/B Link (MIC 1, 2, 3, 4)**, **CH A (MIC 1, 2, 3)** or **CH B (MIC 4)** to set CH A&B microphone(s) or CHA / CH B microphone(s) individually.
3. Specific microphone models can be selected when CHA or CH B is to be set up separately.
4. Set each parameter to desired level.
5. Click **Store** to save the settings as **Preset**.

NOTE:

1. *Mic settings of CH A and CH B can be changed simultaneously by selecting **CH A/B Link (MIC 1, 2, 3, 4)**, or individually by selecting either **CH A (MIC 1, 2, 3)** or **CH B (MIC 4)**.*
2. **Signal Detect** monitors the input mic signals; **Noise Gate** is controlled by the **Pre-EQ on/off** button.
3. *Mic maximum volume can be controlled by changing **Mic Compressor** parameters.*



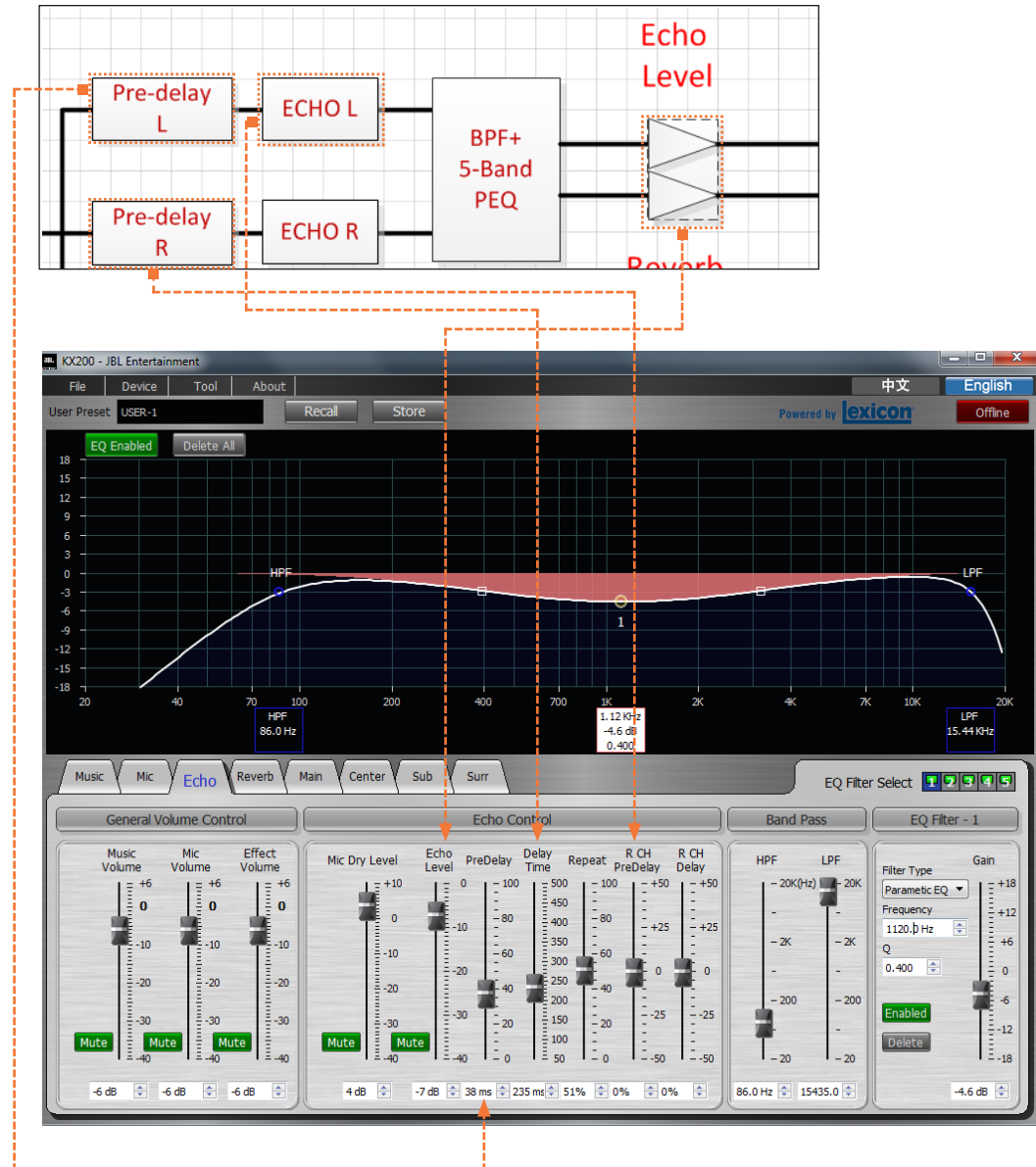
07 - Change ECHO Settings

STEPS:

1. Click **Echo** menu button to enter the interface for echo settings.
2. Select target EQ filter in the **EQ Filter Select**.
3. Set each parameter to desired level.
4. Click **Store** to save the settings as **Preset**.

NOTE:

1. **Pre-Delay** creates an additional time delay between the source signal and the onset of reverberation. **Pre-delay R** is set to a percentage of **Pre-delay L** and can widen the stereo image of the delay.
2. **Delay Time** sets the time length between repeated signals. **ECHO R** is set to a percentage of **ECHO L** and can create a spatial sense of the stereo.
3. **ECHO Level** controls the master volume of echo effect and can be muted (**MUTE**) while else effect is to be monitored.



08 - AFE

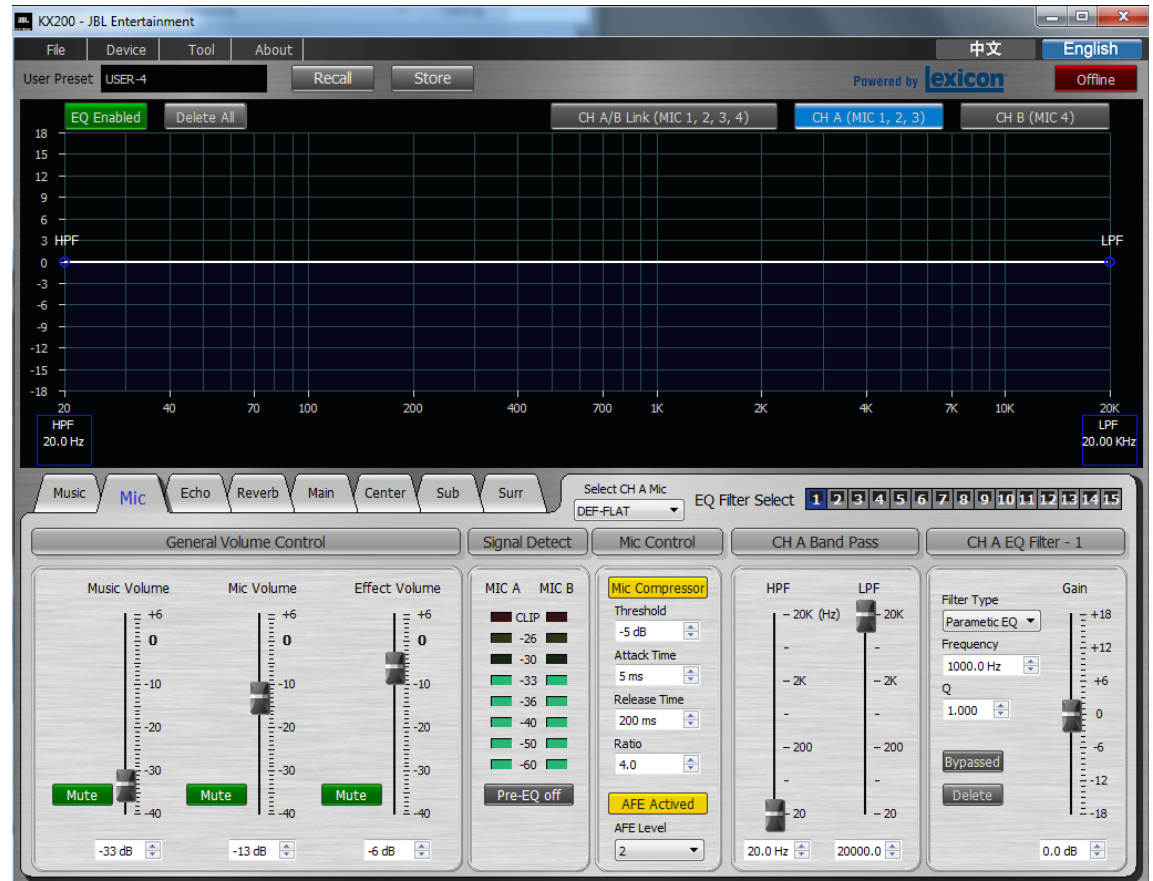
About AFE

AFE stands for Automatic Feedback Elimination.

Frequency-shifting technology is incorporated into our upgraded KX200 for feedback extermination.

NOTE:

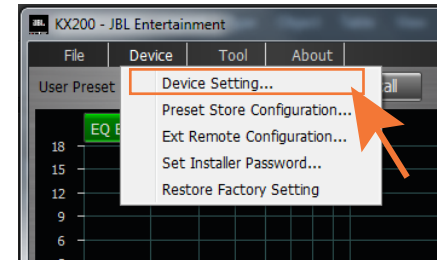
AFE Level can be adjusted to three levels (1, 2, 3) and Level 2 is set as default.



09 - Device Setting

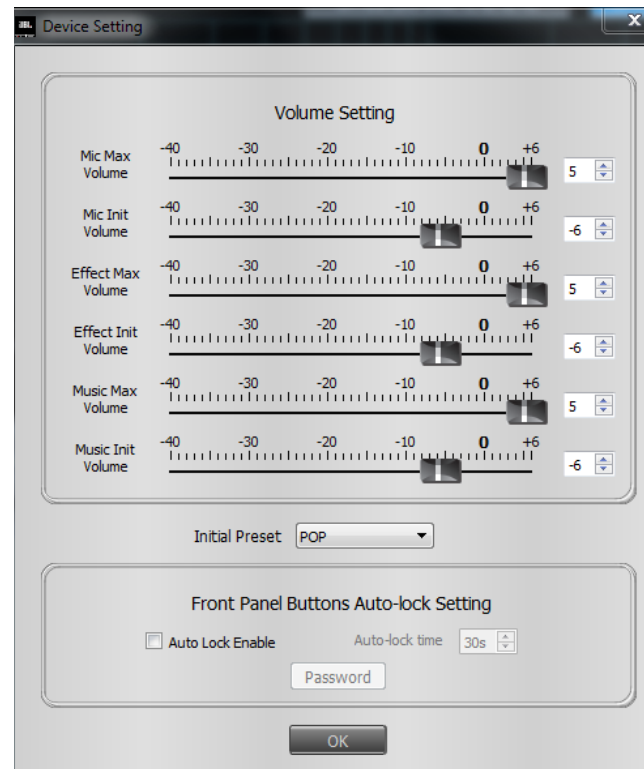
STEPS:

1. Go to **Device**.
2. Click **Device Setting**.
3. Set each **Volume Setting** to desired level.
4. Select the desired **Initial Preset**.
5. Click **OK**.



NOTE:

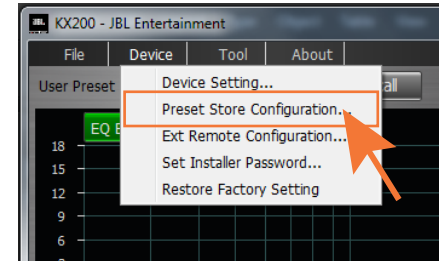
1. **Volume Setting** defines the Mic, Effect and Music **volumes** for next restart of the unit.
2. **Initial Preset** selects the preset mode for next restart of the unit.



10 - Preset Store Configuration

STEPS:

1. Go to **Device**.
2. Click **Preset Store Configuration**.
3. **Lock** or **Unlock** each Preset.
4. Tick desired parameters under the **Select Content in Preset**.
5. Click **OK**.



NOTE:

1. When any **Preset** is **Locked**, no modified parameters will be saved to the Preset.
2. Unchosen **Parameters** will not be saved to its Preset.
3. Preset Store Configuration can be tailored to DJing application.



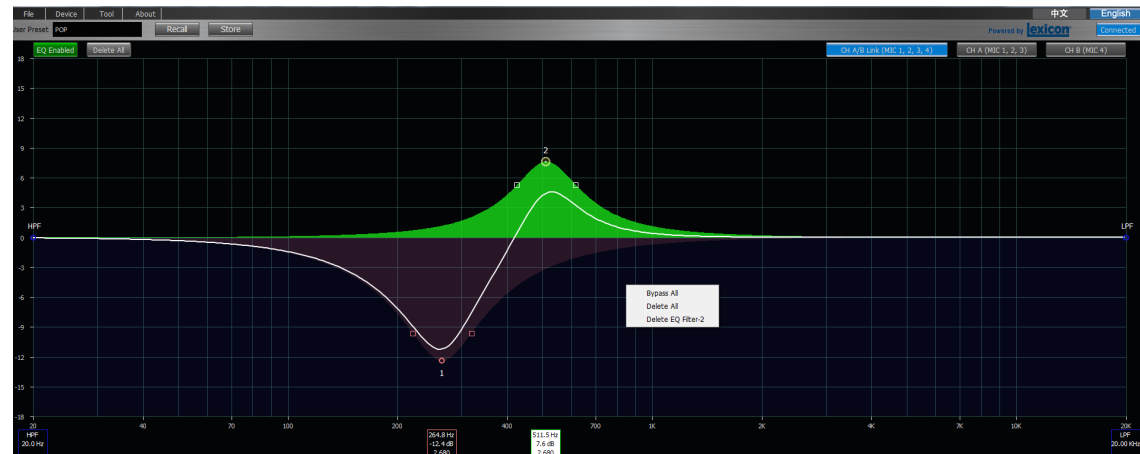
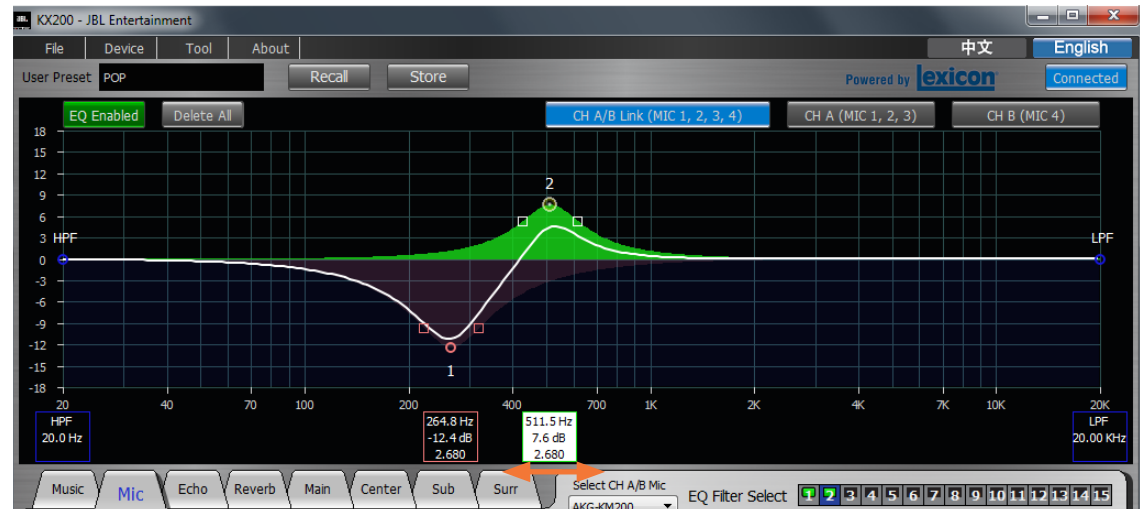
11 - Short-cuts for EQ Setting

Frequency, Q and Gain

1. **Click** the parameter square of the target EQ Filter in the chart.
2. **Drag** the parameter square to define the frequency.
3. **Scroll** your mouse wheel to define the gain.
4. **Drag** the mini-sized square on the curve to define the Q value.

EQ Enabled / Bypassed

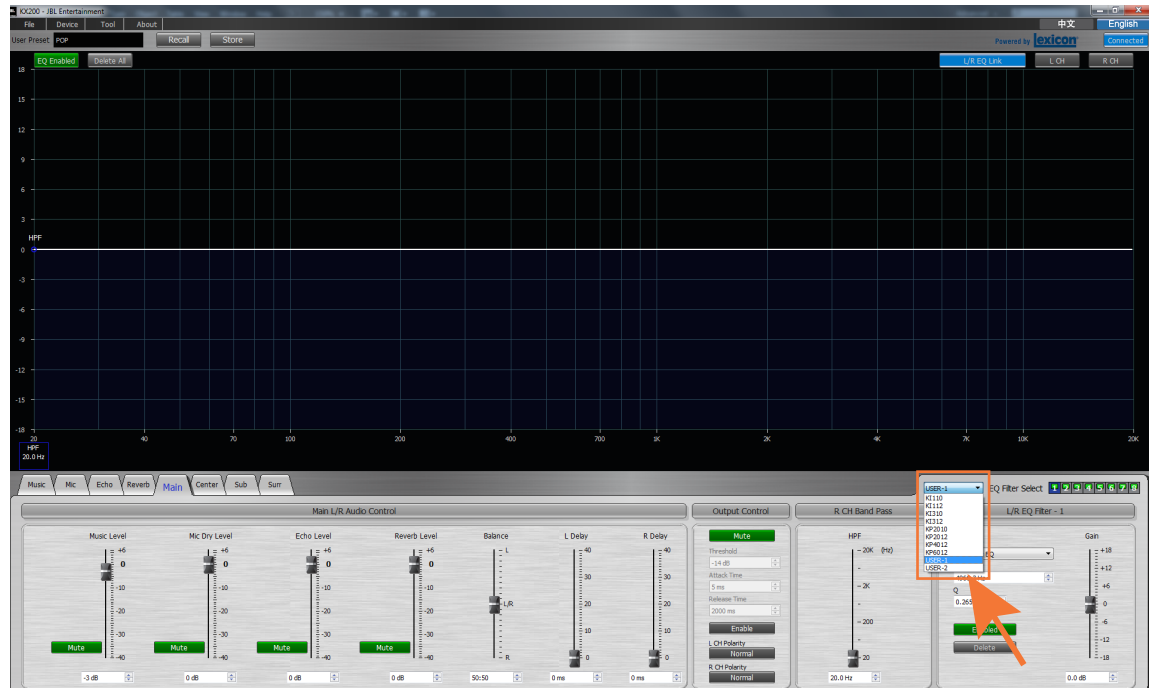
1. **Right Click** any place of the chart.
2. Choose to **Bypass All**, **Delete All** or **Delete EQ Filter chosen**.



12 - Select Speaker Models

STEPS:

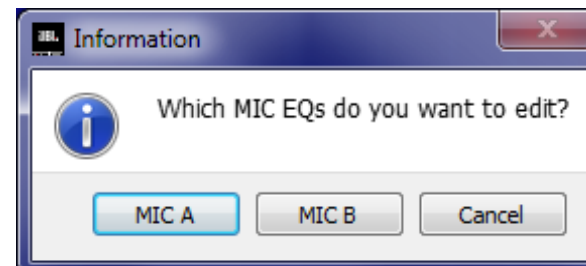
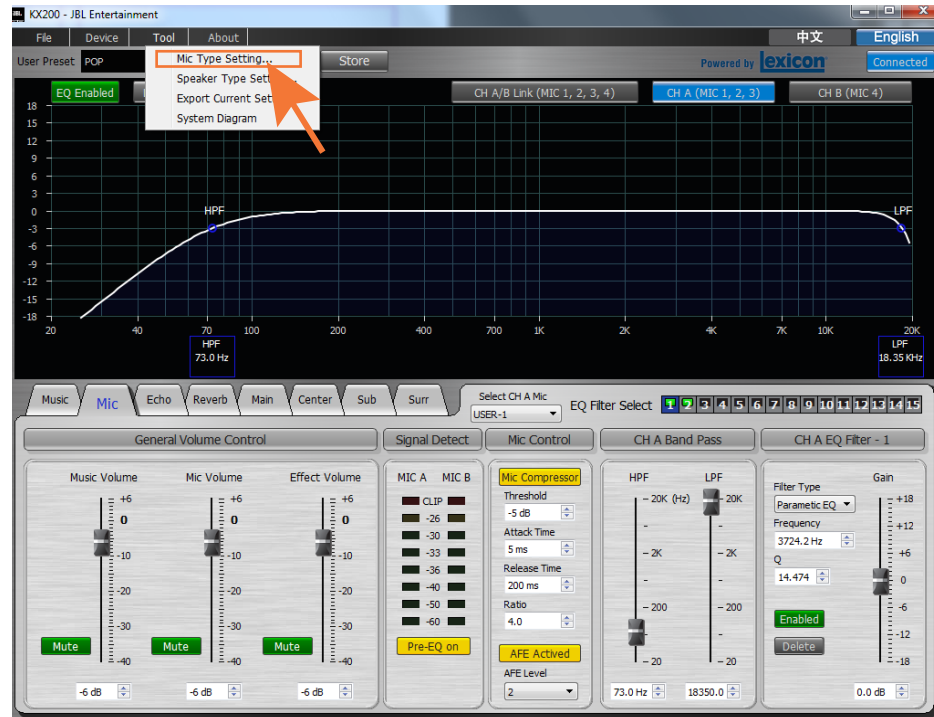
1. Go to **Main**.
2. Select speaker models through the drop-down menu.



13 - Edit & Save Mic Built-in Parameters

STEPS:

1. Go to **Tool**.
2. Click **Mic Type Setting**.
3. Choose the **MIC EQs** to be edited.



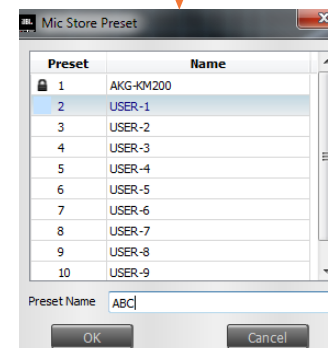
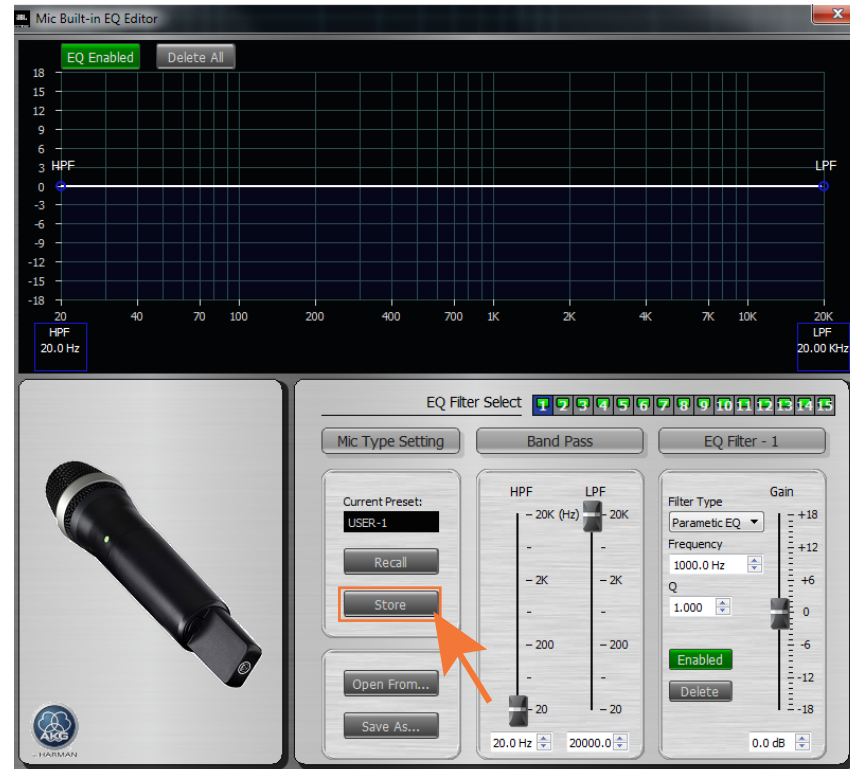
13 - Edit & Save Mic Built-in Parameters

STEPS:

4. Set parameters of the chosen microphone to desired levels.
5. Click **Store** to save the parameters to the target **Mic Store Preset**.
6. Change the **Preset Name** if necessary.
7. Click **OK**.

NOTE:

Preset Name must be **capitalized**, e.g. ABC, instead of abc.

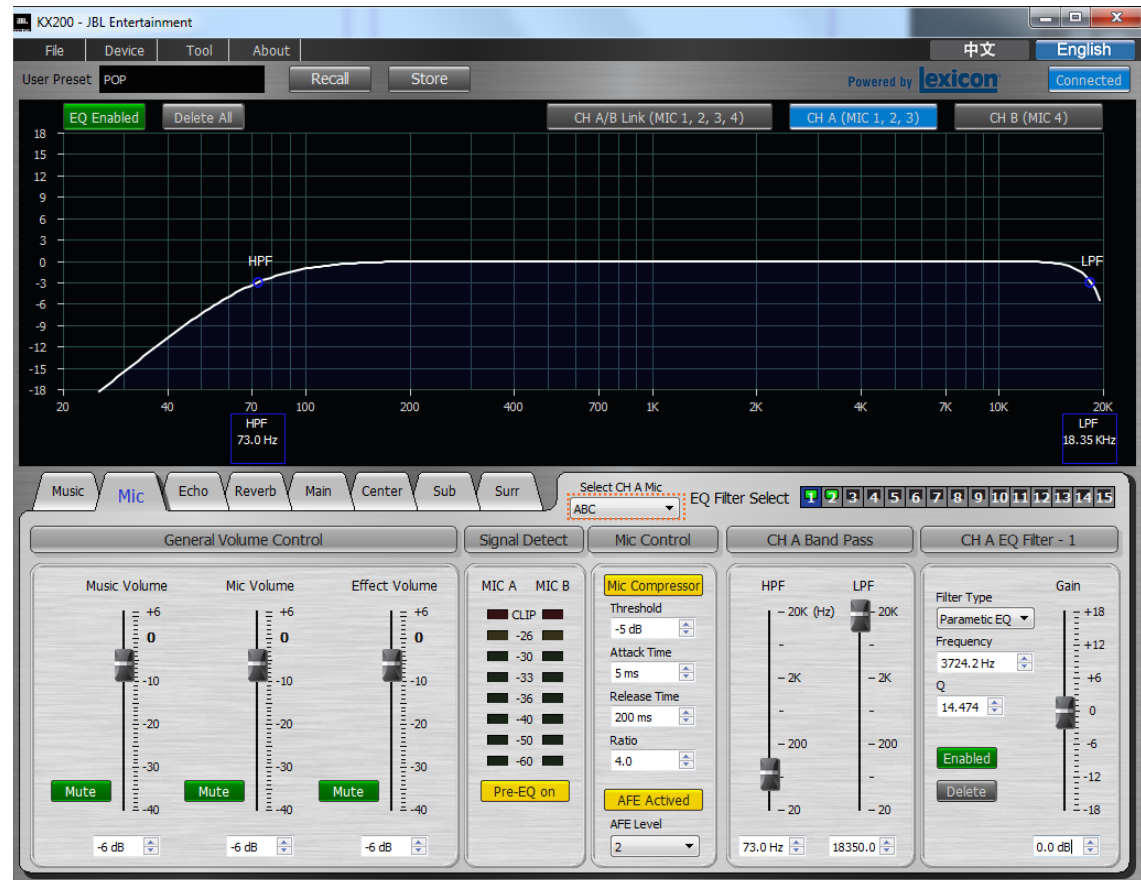


13 - Edit & Save Mic Built-in Parameters

The edited microphone appears in the channel microphone selection menu.

NOTE:

EQ setting of the edited microphone is effective but not shown in the chart.



14 - Edit & Save Speaker Built-in Parameters

STEPS:

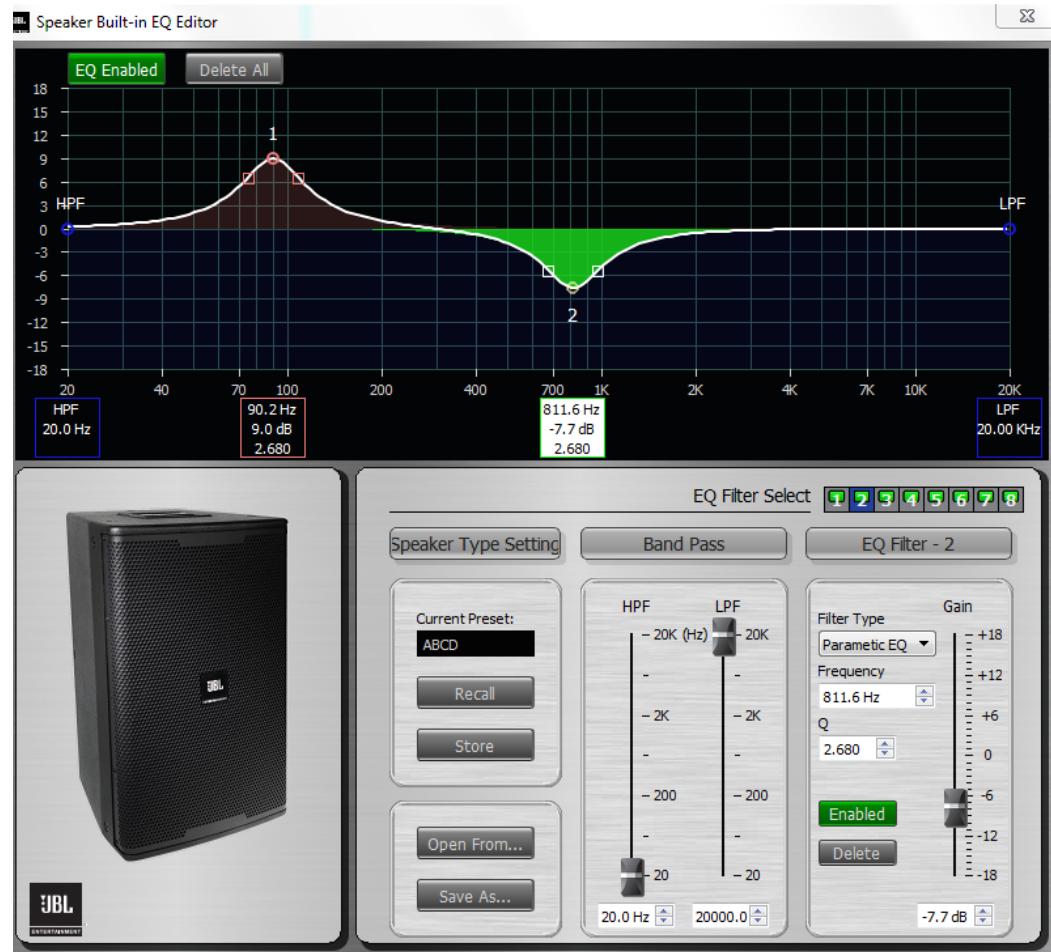
1. Go to Tool.
2. Click Speaker Type Setting.



14 - Edit & Save Speaker Built-in Parameters

STEPS:

3. Set parameters of the speaker to desired levels.
4. Click **Store** to save the parameters to the target **Speaker Store Preset**.
5. Change the **Preset Name** if necessary.
6. Click **OK**.



15 - Upgrade Firmware

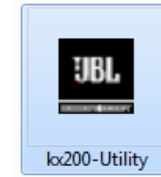
KX200-Utility from the downloaded file is used to upgrade the GUI.

STEPS:

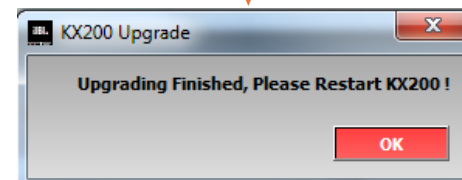
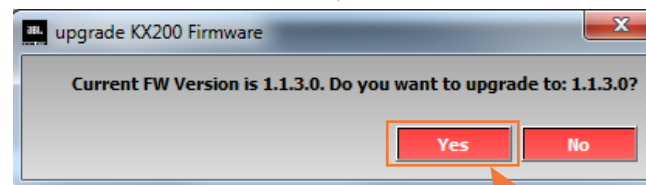
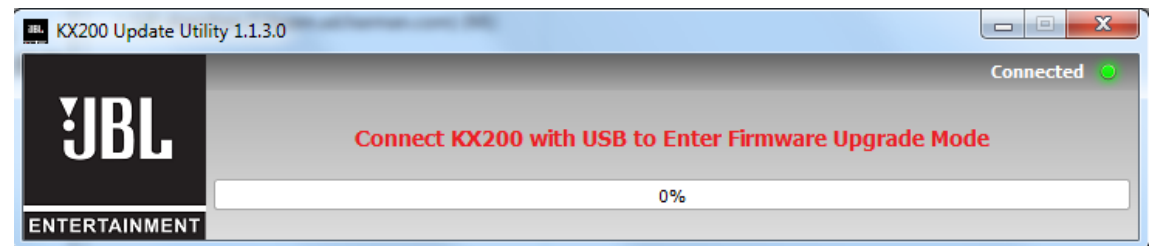
1. Connect KX200 to your computer.
2. Click **KX200-Utility** in the file downloaded.
3. Wait till the connection status turning to **Connected**.
4. Click **Yes** to start upgrading.
5. Click **OK**.
6. Restart KX200.
7. Load all the presets to KX200 through the PC-GUI (Device - Restore Factory Setting).

CAUTION:

DO NOT switch off the power when upgrading the firmware.



(From the file downloaded.)



16 - Remote Control through VOD Player

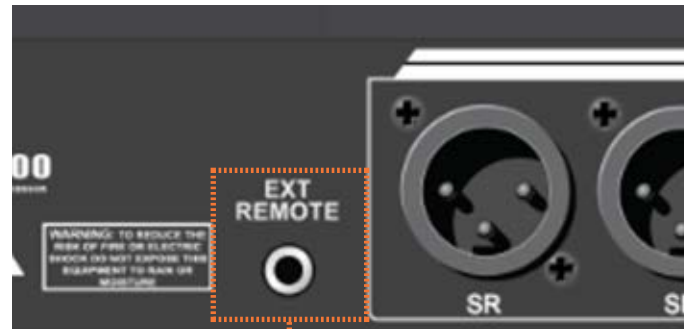
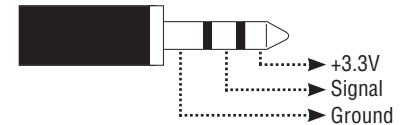
To configure KX200 for remote control through a VOD player, an IR receiver (not provided by the manufacturer) is required.

STEPS:

1. Connect the IR receiver to **EXT REMOTE** on the rear panel of KX200.



IR Receiver



For connection of IR receiver

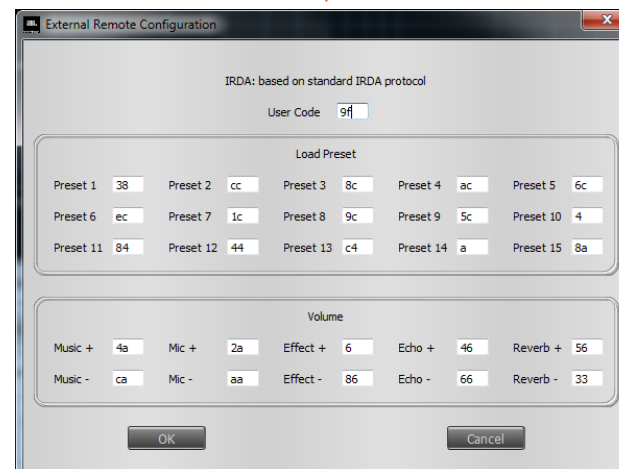
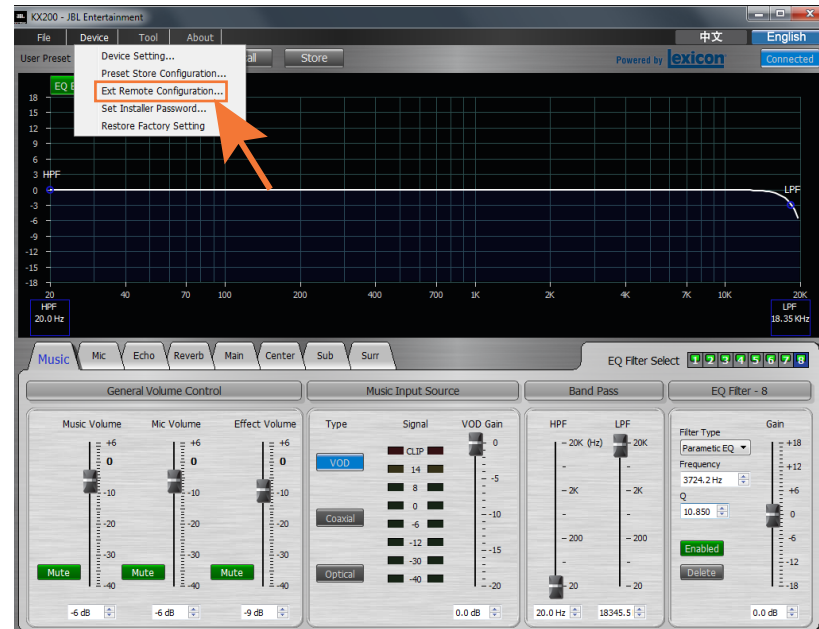
16 - Remote Control through VOD Player

STEPS:

2. Go to **Device**.
3. Click **Ext Remote Configuration**.
4. Change the **IR Code** of each **Preset** to match the remote controller of your VOD player. (Or change the IR code of the VOD player's remote controller to match the unit).

NOTE:

DO NOT duplicate any of the codes.



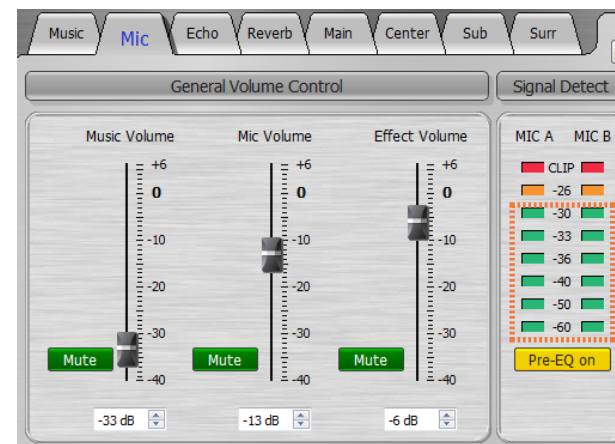
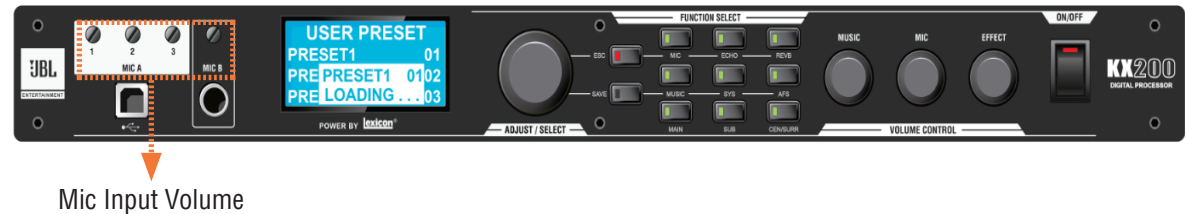
17 - Set Mic Volume

Mic output volume depends on:

- 1) Wireless mic output volume;
- 2) Mic input volume;
- 3) Mic output volume;
- 4) Amplifier output volume.

NOTE:

1. To avoid clipping, ensure the maximum signal input do not exceed **-30 dBu** by adjusting both the wireless mic volume and KX200 mic input volume.
2. Adjust the **Mic Volume** to set the mic output volume.





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KX200 Digital Processor
SZ
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