

# LIMEX

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MIDI • MICROPHONES • WIRELESS • INSTRUMENTS • SOUND



## FOOT PEDAL 2

MANUALS

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Thank you for choosing the **FP2** Foot Pedal by LIMEX. The **FP2** is the ideal extension for the LIMEX MIDI System **MPRX**. In combination with the Control Panel **MC12**, it offers comprehensive, practice-oriented control options for optimal performance – whether by cable or wireless connection.

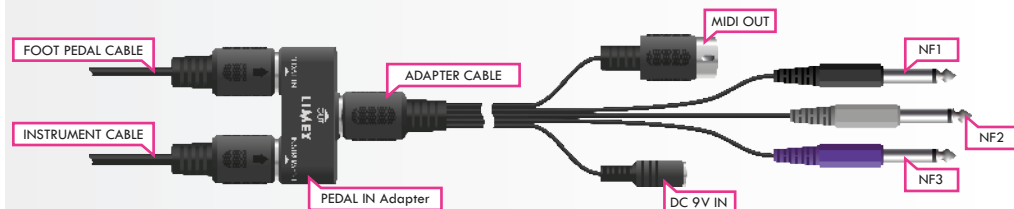
⚠ The **LIMEX FP2 Foot Pedal** can only be used in combination with a **LIMEX MIDI System MPRX**!



**Accessoires** • Foot Pedal cable • PEDAL IN Adapter **Optional** • USB Interface + APP • Bluetooth

**Connections** The FP2 can be connected to the following LIMEX products:

• PEDAL IN Adapter\* • SPLITBOX • SOUNDBOX 5



\*The "PEDAL IN Adapter" connects Instrument/Foot Pedal cable with the Adapter cable (Picture).

### INPUT

Here the foot pedal cable is connected.

### INFO LED's

Status indicators for data traffic.

#### USB

Lights up briefly when a button is pressed or when data is transmitted via USB.

#### MIDI IN

Lights up briefly when MIDI data is received from the FP2.

#### BLUETOOTH

Lights up when the FP2 is connected via Bluetooth (if a Bluetooth module is installed).

### BUTTON LED's

The LED's indicate the active function range: - LIVE = green, STYLE = red, MIDI FILE = blue, MP3 = purple.

### BUTTON S1 - S4

Used to switch through different MPRX scenes.

### BUTTON A - D

Assignable with different functions – programmable via the app.

### BUTTON 1 - 4

Assignable with different functions – programmable via the app.

### USB 1

USB socket 1 → communication with the "LIMEX APP".

### USB 2

USB socket 2 → lyrics output.

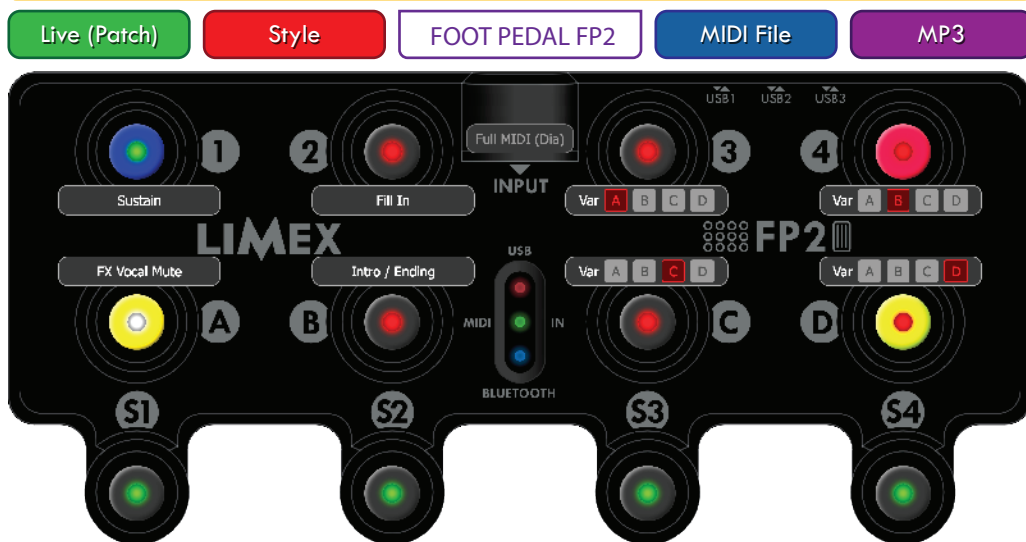
### USB 3

USB socket 3 → second lyrics output.

## Foot Pedal FP2 APP

The available functions can be freely programmed using the APP, allowing you to create an optimal MPRX MIDI control setup with ease. The FP2 APP can only be used with a built-in 3-port USB board (retrofit option) or the Splitbox. To connect to an Android tablet, an OTG adapter is required.

**System requirements:** Tablet with Android version 12 or higher, PC with Windows 10/11, Chrome browser 3-port USB board (retrofit option) or LIMEX Splitbox, OTG adapter for connecting to Android devices.



### Available features for

• Live (Patch) • Style • MIDI File • MP3

\* Available only with "Plug-In".

\*\* Only by using LIMEX ELHA (electronic accordion).

#### Live (Patch)

- S1
- S2
- S3
- S4
- Patch +
- Patch -
- Song +
- Song -
- \* Sound 1 A/B
- \* Sound 2 A/B
- \* Sustain
- \* SysEx Data
- Text +
- Patch / Style (PB)
- Diskant on/off
- \* Mex Groove on/off
- \* Mex Guitar on/off
- \* Mex Guitar Arpeggio
- \* Mex Guitar short/long
- \* Mex Bass short/long
- \* Mex Voice on/off
- \* Mex Voice Preset
- \*\* Transpose +
- \*\* Transpose -
- FX Vocal Mute

#### Style

- Start-Stop / Key Start
- Break
- Intro / Ending
- Var A B C D
- Fill In
- Tempo +5
- Tempo -5
- SysEx Data
- \*\* Sty/Patch +1/0
- \*\* Sty/Patch +2/0

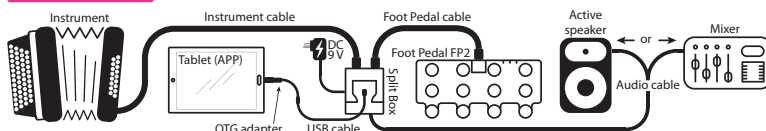
#### MIDI File

- Start-Stop / Key Start
- Break
- Fade Out
- Tempo +5
- Tempo -5
- SysEx Data
- \*\* Patch +1/0
- \*\* Patch +2/0

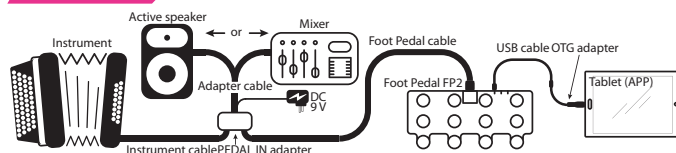
#### MP3

- Start-Stop
- Break
- Fade Out
- Endless Play
- SysEx Data
- \*\* Patch +1/0
- \*\* Patch +2/0

### Connection v1



### Connection v2



## Foot Pedal FP2 - Standard Programming

For operation without the APP, the following basic programming options are available:

Live (Patch) + Mex

All green-lit buttons are always assigned to “Live (Patch)” mode.

All turquoise-lit buttons are also “Live (Patch)” mode, but assigned with “Mex” functions. The assigned functions are shown in the illustration.



Live (Patch) + Style

All red-lit buttons are always assigned to “Style” functions and correspond to the layout shown in the diagram. If the buttons light up green, they are always assigned to “Live (Patch)” functions.



## Foot Pedal FP2 - Standard Programming

Live (Patch)

+

MIDI File

All blue-lit buttons are always assigned to “**MIDI File**” functions. The function assignment is shown in the diagram. All green-lit buttons are assigned to “**Live (Patch)**” functions.



Live (Patch)

+

MP3

All purple-lit buttons are always assigned to “**MP3**” player functions. The function assignment is shown in the diagram. All green-lit buttons are assigned to “**Live (Patch)**” functions.



## Short Description of the Foot Pedal FP2 Functions

The new **FP2** foot pedal from LIMEX is the ideal extension for the LIMEX MIDI System **MPRX**.

In combination with the Control Panel **MC12**, it provides comprehensive, practice-oriented control options for optimal music performance – either via cable or wireless.

The **FP2** is divided into four operating function blocks, each of which is indicated by different button LED colors:



The following functions are currently available:

**Live (Patch)** The button LEDs light up **green** for these functions:

**S1** (Scene 1): corresponds to the instrument group displayed as **S1**.

**S2** (Scene 2): corresponds to the instrument group displayed as **S2**.

**S3** (Scene 3): corresponds to the instrument group displayed as **S3**.

**S4** (Scene 4): corresponds to the instrument group displayed as **S4**.

**PATCH “+/-”**: Pressing these buttons switches to the next or previous PATCH within the selected Patch folder.

**SONG “+/-”**: Pressing these buttons switches to the next or previous SONG within the selected Song folder.

**SOUND 1 A / B** (only with Plug-In): This button is assigned to two sounds (A/B). If this Plug-In is programmed on a MIDI channel, pressing the button plays the instrument assigned to that MIDI channel (e.g. Baritone long = Sound A).

If the button is released, the originally assigned instrument (e.g., Baritone short) is played again.

This allows you to quickly switch between two programmed sounds.

**SOUND 2 A / B** (only with Plug-In): Same functionality as **SOUND 1 A / B**.

**SUSTAIN** (only with Plug-In): If the Plug-In “Sustain” (Controller 64) is programmed on a MIDI channel, pressing this button will sustain the corresponding instrument (e.g., piano on MIDI channel 1) as long as the button is held down.

**SYSEX DATA**: This function allows two programmable options - user programmed SYSEX DATA string is sent when the button is pressed. Another string (only if programmed) is sent when the button is released. This can be used, for example, to switch effects or keyboard functions.

**TEXT „+“**: This button has three functions:

- 1.) Pressing **TEXT „+“** briefly switches the FP2 APP display from Patch view to Lyrics view. In Lyrics view, the text corresponding to the currently active LIMEX MIDI System MPRX function will be displayed.
- 2.) While in Lyrics view, pressing **TEXT „+“** briefly moves to the next lyric line.
- 3.) To return from Lyrics view to the FP2 APP display, press and hold **TEXT „+“** a little longer..

**PATCH / STYLE (PB)**: This button switches directly between PATCH and STYLE mode – from PATCH to STYLE or from STYLE / MIDI FILE / MP3 back to PATCH.

**DISKANT ON / OFF**: Pressing this button mutes all MIDI sounds on the treble side – it only remains active for natural tones.

**MEX GROOVE ON / OFF:** (only with Plug-In) This button triggers MexGroove on / off.

**MEX GUITAR ON / OFF:** (only with Plug-In) This button triggers MexGuitar on / off.

**MEX GUITAR ARPEGGIO:** (only with Plug-In) This button triggers a Mex Arpeggio chord. As long as the button is pressed, each chord keystroke will trigger an arpeggio chord on the instrument.

**MEX GUITAR SHORT / LONG:** (only with Plug-In) This button triggers the Mex Guitar short/long function. In polka mode, the chord is short when pressing the bass key and short when pressing the chord key. In waltz mode, the chord is long when pressing the bass key and short when pressing the chord key.

**MEX BASS SHORT / LONG:** (only with Plug-In) This button triggers the Mex Bass short/long function.

E-Bass: • Polka: short bass tone in normal play

• Waltz: long bass tone in normal play

Bariton: • Polka: short bass tone in normal play

• Waltz: long bass tone in normal play

**Note:** The MEX functions are indicated by the button color „turquoise“.

**TRANPOSE „+/-“:** This function is only available with LIMEX electronic accordions. Pressing the button transposes the entire instrument up or down by a semitone.

**FX VOCAL MUTE:** This button toggles the LIMEX vocal mic FX effect (reverb/echo) on or off.

When **FX = ON**, the button LED lights up **white**.

When **FX = OFF**, the LED is dimmed.

**Note:** If “**AUTO FX**” is active, pressing this button will deactivate it.  
If “**AUTO FX**” is active and the white button LED is bright → **FX = ON**.  
If the LED is dimmed → **FX = OFF**.

**Note:** The function “**FX VOCAL MUTE**” is the only non-MIDI function of the FP2.  
For clarity, the **LED color white** was chosen for this function.

## SYSEX DATA Settings



By pressing the “SysEx” field, you can define which command will be sent when pressing or releasing the button.

**A** This SysEx command is sent when the Foot Pedal button is pressed.

**B** This SysEx command is sent when the Foot Pedal button is released.



**START-STOP:** Starts the STYLE rhythm set on the MPRX display. The STYLE accompaniment is triggered by pressing a chord or bass button, depending on the selection. Pressing the START-STOP button again stops the STYLE.

**KEY START:** When KEY START is activated, the red LED on button 4 will blink. The STYLE starts as soon as a chord or bass button is pressed. Pressing **START-STOP** ends the STYLE.

**BREAK (Pause):** Stops the STYLE when pressed, and resumes from the same position when pressed again. (Not available for all STYLES!)

**INTRO / ENDING:** Pressing this button starts the STYLE with the programmed INTRO. Pressing it again ends the STYLE with the programmed ENDING.

**VARIATION A:** activates Style Variation „A“.

**B:** activates Style Variation „B“.

**C:** activates Style Variation „C“.

**D:** activates Style Variation „D“.

In the APP, it is possible to assign two variations to a single button. This allows saving buttons if necessary.

Example: If „Var A“ and „Var C“ are assigned to one button, pressing it repeatedly will toggle between „Var A“ and „Var C“. A maximum of two variations can be assigned per button.

**FILL IN:** Activates a rhythmic fill-in during STYLE playback.

**TEMPO „+5“:** Increases the STYLE tempo by 5.

**TEMPO „-5“:** Decreases the STYLE tempo by 5.

**SYSEX DATA:** This function allows two programmable options: A customerprogrammed SYSEX DATA string is sent when the button is pressed. Another string (if programmed) is sent when the button is released. This can be used to control effects or other keyboard functions.

**Sty/Patch „+1/0“:** Function available only with LIMEX electronic accordions! Transposes both STYLE and PATCH up by one semitone. Pressing the button again resets the transposition.

**Sty/Patch „+2/0“:** Function available only with LIMEX electronic accordions! Transposes both STYLE and PATCH up by two semitones. Pressing the button again resets the transposition.

## MIDI File

The button LEDs light up blue for these functions:

**START-STOP:** Starts the MIDI file selected on the MPRX display. Pressing again stops the MIDI file.

**KEY START:** When KEY START is activated, the blue LED on button 4 will blink. The MIDI file starts when a chord or bass button is pressed – depending on the selection. Pressing **START-STOP** ends the MIDI file.

**BREAK (Pause):** Stops the MIDI file. Pressing again resumes playback from the same position.

**FADE OUT:** Pressing this button gradually fades out the MIDI file and then stops playback.

**TEMPO „+5“:** Increases the MIDI file tempo by 5.

**TEMPO „-5“:** Decreases the MIDI file tempo by 5.

**SYSEX DATA:** This function allows two programmable options: A customerprogrammed SYSEX DATA string is sent when the button is pressed. Another string (if programmed) is sent when the button is released. This can be used to control effects or keyboard functions.

**PATCH „+1/0“:** Function available only with LIMEX electronic accordions! Transposes both STYLE and PATCH up by one semitone. Pressing again resets the transposition.

**PATCH „+2/0“:** Function available only with LIMEX electronic accordions! Transposes both STYLE and PATCH up by two semitones. Pressing again resets the transposition.

## MP3

The button LEDs light up purple for these functions:

**START-STOP:** Starts the selected MP3 file shown on the MPRX display. Pressing again stops the MP3 file.

**BREAK (Pause):** Stops the MP3 file. Pressing again resumes playback from the same position.


**ENDLESS PLAY:** Plays all MP3 files in the selected folder continuously in sequence (useful for background music).

**FADE OUT:** Gradually fades out the MP3 playback and then stops it.

**SYSEX DATA:** This function allows two programmable options: A customerprogrammed SYSEX DATA string is sent when the button is pressed. Another string (if programmed) is sent when the button is released. This can be used to control effects or keyboard functions.

**PATCH „+1/0“:** Function available only with LIMEX electronic accordions! Transposes both STYLE and PATCH up by one semitone. Pressing again resets the transposition.

**PATCH „+2/0“:** Function available only with LIMEX electronic accordions! Transposes both STYLE and PATCH up by two semitones. Pressing again resets the transposition.

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