EFEKTOR FL3606 FLANGER

ROYAL
JET
ELECTRO

MIX
RATE
DEPTH
DELAY
LEVEL
FEEDBACK

EFEKTOR FL3606 FLANGER

THANK YOU FOR CHOOSING KUASSA PRODUCTS!

We encourage you to take the time to read this User Manual thoroughly to ensure trouble free and proper operation of the software.

Following the previous Efektor Distortion series, please welcome the newest addition to the Efektor series: Efektor Modulation. We studied and examined more than 20 models of fabled modulation effects from the 1950s to the last decade. From rack gears, desktop units, and effect pedals as well. Modulation effects are widely used by organ/synth players, guitarists, and studio engineers to add width, depth, and movement to the original sound. In this latest bundle, we collect the prominent ones and packed them into four devices.

ORIGINATED FROM MANIPULATING TAPE RECORDERS BY SLOWING DOWN ONE OF ITS FLANGE (HENCE THE 'FLANGER' NAME), THIS EFFECT CREATES A SWOOSHING SOUND DUBBED AS THE 'JET ENGINE' EFFECT.

- Royal: Dense, metallic, and robotic. The "vintage" flanging effect.
- Jet: Warm and massive. Creates supersonic jet howl or cool spacey stereo image.
- Electro: Darker sound with swirly, chorusy, and trippy sound.

EFEKTOR
FL3606
FLANGER

KEY FEATURES:

• Three modes of Modulation in every units.
• Bypass switch button.
• BPM sync.
• Mono or stereo mode.
• CV inputs for automation (RE Only)

SYSTEM REQUIREMENTS

Windows:
Windows Vista or Later (64 bit)
Core2 Duo, or AMD Phenom ii X4 or better (latest Intel i3, AMD A4, or better is recommended) with 4GB minimum RAM
VST or VST3 compatible host/DAW
Pro Tools 11 or later for AAX format
Propellerhead Reason 7.1 or later for Rack Extension format

Macintosh:
Mac OS 10.11 or later (64 Bit).
Core2 Duo, or better (latest Intel i3 recommended)
 with 4GB minimum RAM
Native Apple Silicon support
VST, VST3, or Audio Units compatible host/DAW
Pro Tools 11 or later for AAX format
Propellerhead Reason 10.1 or later for Rack Extension format

Installation

MAC OSX 10.11 OR LATER

Note for MacOS X users: you will be asked for your password upon installation.

For Mac installer(.pkg) format, double-click the installer and follow the instructions. The installer automatically point to your Mac's default VST/VST3/AU/AAX plug-ins and Standalone path (see below). Alternatively you can customize the installation target to specific folder.

Here are the default folders installation path for each of our supported platforms in Mac OSX:

- Mac Audio Unit (EfektorFL3606.component)   : /Library/Audio/Plug-Ins/Components/
- Mac VST (EfektorFL3606.vst)   : /Library/Audio/Plug-Ins/VST/Kuassa/
- Mac VST3 (EfektorFL3606.vst3)   : /Library/Audio/Plug-Ins/VST3/
- Mac AAX (EfektorFL3606.aaxplugin)   : /Library/Application Support/Avid/Audio/Plug-Ins/

WINDOWS VISTA OR LATER

For Windows Installer (.exe), double-click the installer and follow the instructions. The installer automatically points to your system's default plugins path (see below). Alternatively you can point the installation target to specific folder. Most VST host already have a "Plugins" or "VSTplugins" folder inside its installation directory, or you can point the host to read any folder you choose.

Here are the default folders installation path for each of our supported platforms:

- Windows 64-bit VST (EfektorFL3606.dll)   : C:\Program Files\Steinberg\VstPlugins\Kuassa\
- Windows 64-bit VST3 (EfektorFL3606.vst3)   : C:\Program Files\Common Files\VST3\
- Windows 64-bit AAX (EfektorFL3606.aaxplugin)   : C:\Program Files\Common Files\Avid\Audio\Plug-Ins\

MAC OSX 10.11 OR LATER

On a Mac, simply delete the plug-in located on the corresponding Plug-ins folder, and delete other folders and file resources located at,
Folders:
• /Library/Application Support/Kuassa/Default Presets/EfektorFL3606/
• /Users/[User Name]/Music/Kuassa/Presets/EfektorFL3606/
Files:
• /Library/Application Support/Kuassa/Misc/EfektorFL3606 EULA.txt
• /Library/Application Support/Kuassa/User Manuals/EfektorFL3606 Manual.pdf
• /Users/[User Name]/Music/Kuassa/Settings/EfektorFL3606.setting
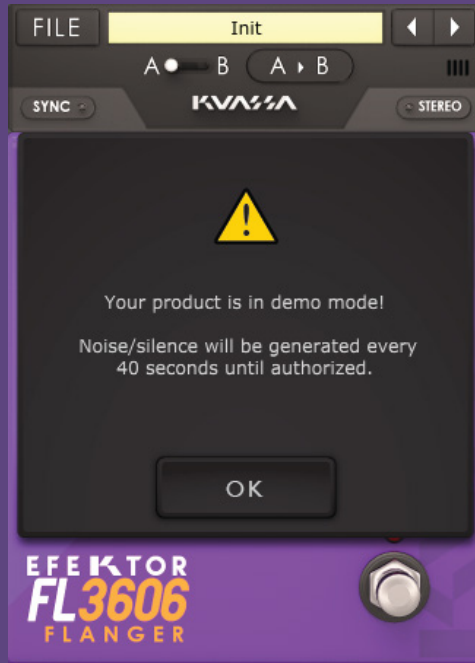
WINDOWS VISTA OR LATER

Use "Add/Remove programs" or "Programs and Features" from the Windows Control Panel. If Efektor FL3606 does not listed, delete the .dll/.vst3/.aaxplugin file from your VST plug-in folder. After Uninstallation, manually delete other Efektor FL3606 file resources at, Folder:
• C:\Users\[User Name]\Documents\Kuassa\Presets\EfektorFL3606\
Files:
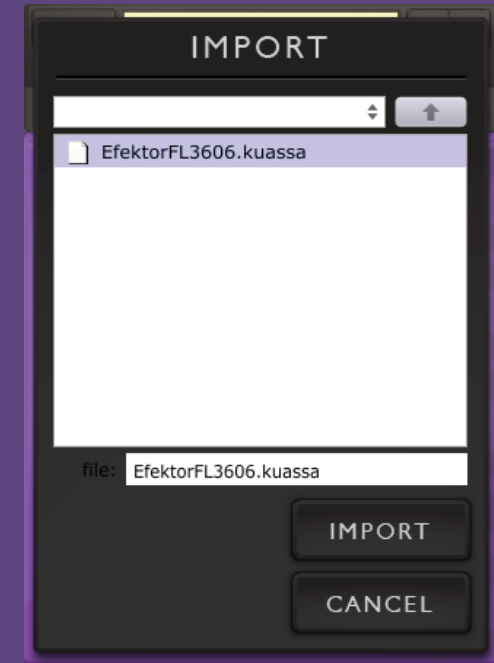• C:\Users\[User Name]\Documents\Kuassa\Settings\EfektorFL3606.setting

Authorization

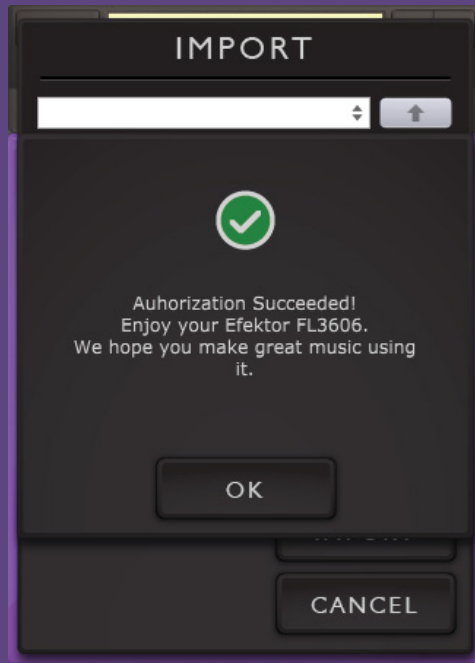**1** On evaluation mode, you will see this pop-up window when you first start the plugin.

2 To start the authorization process, click the [File] button on the top-left of the plug-in's interface, there, you will find a selection box titled [import License].

3 Locate the License File [EfektorFL3606.kuassa] obtained from the confirmation e-mail sent to you after you purchase EFEKTOR Plug-in(s) from our web store or downloaded from member area.
Note that the License File contains your personal information used to authorize the plug-in.

IMPORT

✓

Auhorization Succeeded!
Enjoy your Efektor FL3606.
We hope you make great music using
it.

OK

CANCEL

FILE   Init*   ◄ ►

A ● B   (A ▸ B) ||||

KVASSA

Efektor FL3606 Flanger

Version   : 1.0.0 (32bit)
Registered to   : Your Name Here

Developed by:

Arie Ardiansyah, Cil Satriawan
Bramantyo Ibrahim, Adhitya Wibisana
Iman Amarullah, Muhammad Abduh
Pratama Kusuma, Rendy Basuki, Iqbal Ansyori
Grahadea Kusuf, Juan Prahamma, Intan Zariska
Dimitar Nalbantov, Sundawan Sukmaya

VST / VST3 by Steinberg Media Technologies, GmbH.
Audio Units by Apple, Inc.
AAX by Avid Technology, Inc.

© 2017 - PT Kuassa Teknika.
Kuassa and Efektor FL3606 Flanger
are trademarks of PT Kuassa Teknika.
All rights reserved.

FL3606
FLANGER

4 After you locate the License File, a pop-up box confirming that you are successfully authorize your plug-in will show.
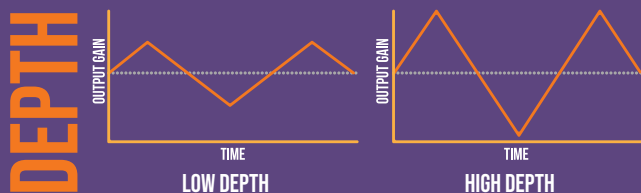
5 To check if you have completed the authorization process, just simply load the About Box by clicking the Efektor logo on the bottom left corner. If your authorization is successful, either your name or your e-mail address will be shown on the About Box. You will also notice that the generated noise/silence on the Evaluation Version is now gone.
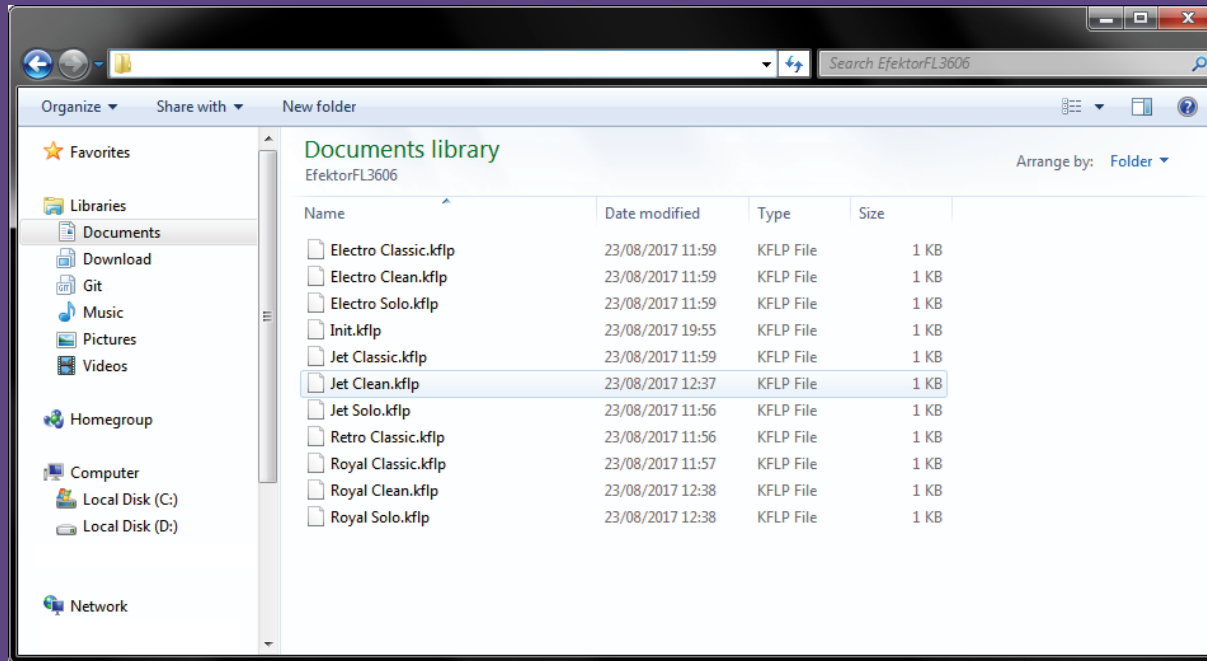
Function

1 **[FILE] BUTTON:** The Menu button contains several functions; preset saving, license file authorization, and shortcuts to the user manual and Kuassa website.

2 **PRESET SELECTOR:** Select from available Presets, press left-right buttons or select from drop down menu.

3 **SYNC:** Enables synchronization of Rate to the host's tempo in BPM.

4 **A-B COMPARE:** Compares two different settings of the plug-in.

5 **COPY A to B:** Copies settings from the "A" state to the "B" state.

6 **STEREO:** Enables or Disables stereo output.

7 **RATE:** Controls the frequency, or the speed of the oscillation. On manual mode, the range is from 0.01 Hz to 20 Hz. When "Sync" is enabled, the range will be from 8 to 1/32T.

8 **DEPTH:** Controls the height, or amplitude of the modulated signal. On minimum settings, the effect will be very subtle, almost inaudible.

9 **DELAY:** Sets the delay between each flanger voices.

10 **FEEDBACK:** Determines the amount of signal that is sent back into the effect.

11 **MIX:** Blends the levels of the "dry" (clean) input signal and the "wet" (processed) signal.

12 **LEVEL:** Controls the overall output level from the plug-ins.

13 **TYPE SELECTOR:** There are multiple fx models emulated within the device, each comes from different era, with different flavor, and character. Pick one which suited your desired sound.

14 **BYPASS:** Turns the effect unit completely On or Bypass.

15 **EFEKTOR LOGO:** Click to show the About Box.

Preset Management

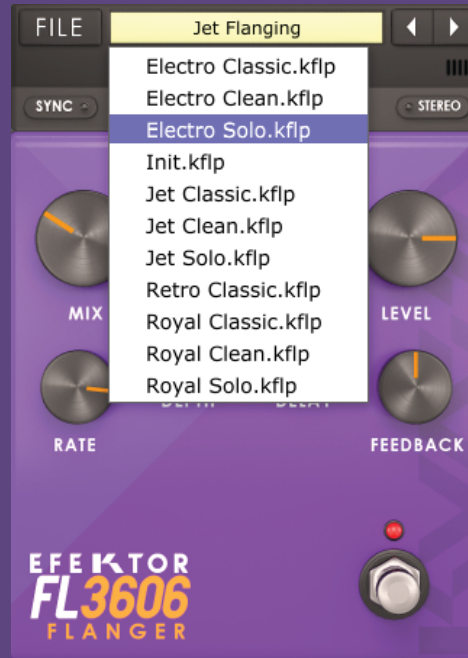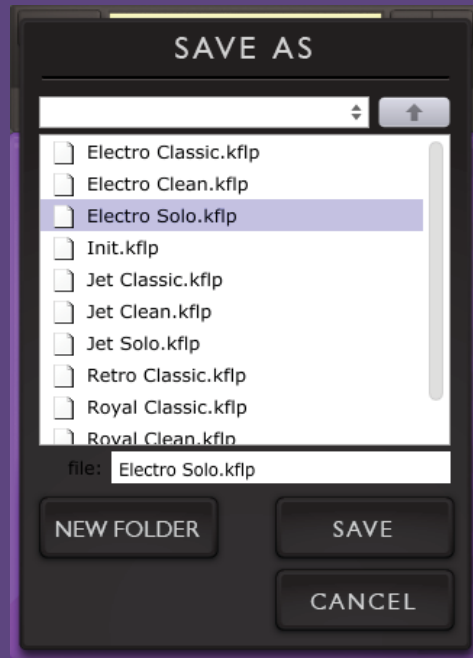**1** Presets for EFEKTOR Plug-in(s) are located in the following folders*:

• Mac: Users/[YourName]/Music/Kuassa/Presets/EfektorFL3606

• Win: ~\Documents\Kuassa\Presets\EfektorFL3606

All presets inside these folders will be recognized by the plugin as individual presets, you can also create a folder to group the preset(s). They will thus be shown on the EFEKTOR Plug-in's preset selector.

2 To save a preset, set your plugin to the desired parameter settings, then select:
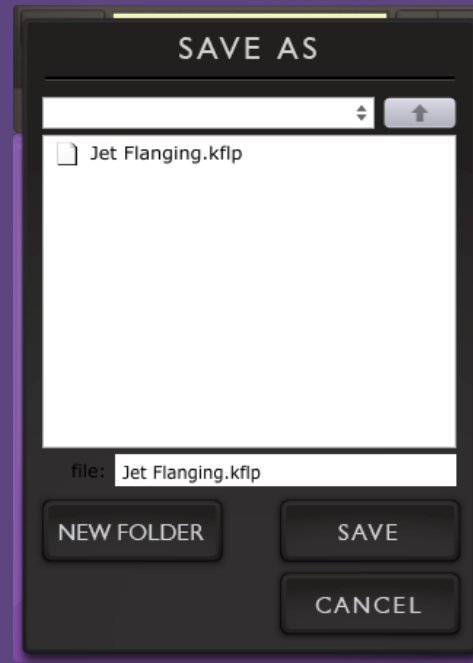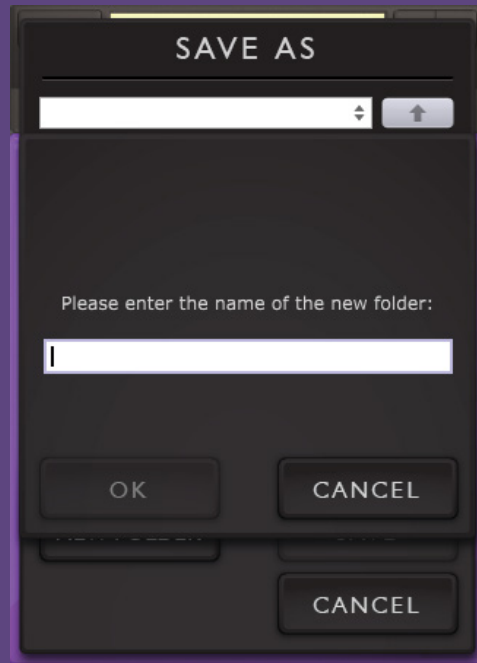
• "Save Preset": Overwrites currently active preset.

• "Save Preset As": Saves current settings into a new preset file (*.kflp for FL3606).

Preset Management

3 When you create a new preset using "Save Preset As...", make sure that you have chosen the correct preset folder as aforementioned on point 1 above to make sure that it will be recognized automatically by EFEKTOR plug-ins.

Preset Management

SAVE AS

Please enter the name of the new folder:

OK   CANCEL

CANCEL

SAVE AS

Jet Flanging.kflp

file: Jet Flanging.kflp

NEW FOLDER   SAVE

CANCEL

FILE | Jet Flanging | ◄ ►

My Presets ►   ✓ Jet Flanging.kflp

SYNC   STEREO

Electro Classic.kflp
Electro Clean.kflp
Electro Solo.kflp
Init.kflp
Jet Classic.kflp
Jet Clean.kflp
Jet Solo.kflp
Retro Classic.kflp
Royal Classic.kflp
Royal Clean.kflp
Royal Solo.kflp
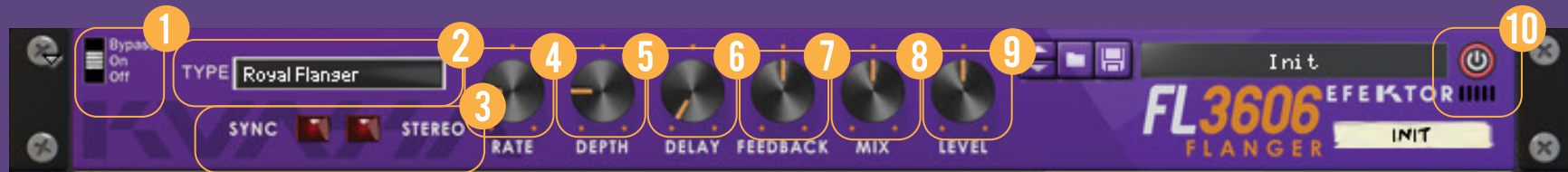
MIX   LEVEL

RATE   FEEDBACK

EFEKTOR
FL3606
FLANGER

4 To add new additional preset banks, create a new folder by clicking "New Folder" button and rename it.
Sub-folders are also recognized to manage presets into groups, useful to manage additional preset bank, or grouping presets based by their use.

Function

1 BYPASS
Turns on, off or bypass the rack extension.

2 TYPE SELECTOR
There are multiple fx models emulated within the device, each comes from different era, with different flavor, and character. Pick one which suited your desired sound.

3 SYNC & STEREO
SYNC: Enables synchronization of Rate to the host's tempo in BPM.
STEREO: Enables or Disables stereo output.

4 RATE KNOB
Controls the frequency, or the speed of the oscillation. On manual mode, the range is from 0.01 Hz to 20 Hz. When "Sync" is enabled, the range will be from 1 to 1/32T.

5 DEPTH KNOB
Controls the height, or amplitude of the modulated signal. On minimum settings, the effect will be very subtle, almost inaudible.

6 DELAY KNOB
Sets the delay between each flanger voices.

7 FEEDBACK KNOB
Determines the amount of signal that is sent back into the effect.

8 MIX KNOB
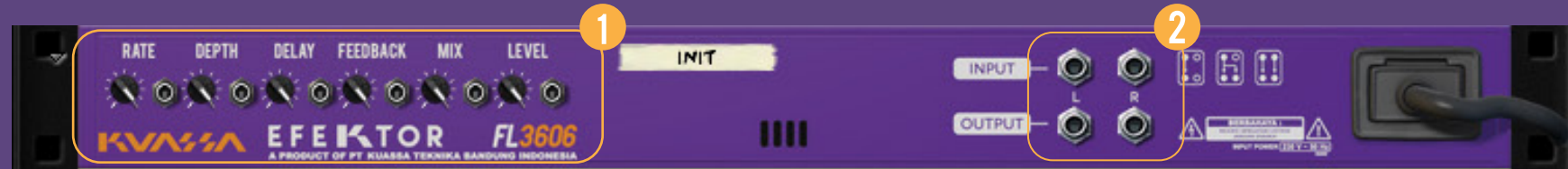Blends the levels of the "dry" (clean) input signal and the "wet" (processed) signal.

9 LEVEL KNOB
Controls the overall output level from the plug-ins.

10 ADDITIONAL BYPASS SWITCH
Turns the effect unit completely On or Bypass.

Function

1 CV INPUTS

CV INPUT SOCKET:
Receives incoming CV message for controlling each of EFEKTOR's CV control enabled parameters from another device's CV output.

CV INPUT TRIM:
Turn counter-clockwise for each corresponding input to trim or reduce the intensity of incoming CV message.

2 AUDIO INPUT AND OUTPUT SOCKETS :
Please note that EFEKTOR is an FX, and should always be added as FX device instead of instrument.

MIDI CC PARAMETER LIST (PROPELLERHEAD REASON)

🔴 CC
⚪ PARAMETER NAME

128 = ON BYPASS
129 = FLANGER TYPE
130 = SYNC ON
131 = STEREO ON
132 = RATE
133 = RATE SYNC
134 = DEPTH
135 = DELAY
136 = FEEDBACK
137 = MIX
138 = LEVEL

Kuassa Efektor Series Created by:

Muhammad Abduh

Abshar Platisza

Muhammad Yusreza Irsyan

Intan Zariska Daniyanti

Iman Firman Amarullah

Juan Prahamma Hartjamt

Dimitar Nalbantov

Arie Ardiansyah

Raden Pratama Kusuma

Adhitya Sulistia Wibisana

Bramantyo Ibrahim

Cil Satriawan

Grahadea Kusuf

Iqbal Ansyori

Rathomi Trinugraha

Bayu Ardianto

Sundawan Sukmaya

Presets and Audio Demos by:

Dimitar Nalbantov (http://www.nalbantov.com)

EFEKTOR
FL3606
FLANGER

KUASSA TEKNIKA, PT

Jl. Dipati Ukur No. 71A

Bandung 40132

West Java, INDONESIA

https://www.kuassa.com

General inquiry: info@kuassa.com

TECHNICAL SUPPORT :
support@kuassa.com

Kuassa