



embedding IT technologies into audio equipment

WiFi Control & audio streaming

Remote setting



AMORid over browser for **setup**

installer & operation manager



AMORix app on
smartphone/tablet

users'

Bluetooth or WiFi

RS232/USB or Bluetooth Smart (via D-bay/RJ45)

IrDA

users'

AMOR software for **setup. monitor . control**

installer & operation manager



Remote setting,
monitoring
and management

**cloud
server**

AMORe – IP Remote Manager

Remote
management

AMOR (Amplifier Modulator On Remote) introduction



the software tool to master audio amplifiers

- PC / NB based
- Windows ^{or} Mac OS
- Graphic UI (GUI) oriented
- Password required

Amp Status

DSP Tuning

Pre-set Program

Update

Monitoring

I/O Configuration



Auto-detection: Model, S/N, Brief Product Description & AMP Status


Amplifier Modulator Over Remote

1. Device

RH1003

2. Linked via

COM5

3. Account

Keiga

4. Program

5. Last Update

2017/02/23-17:45:33

6. FW

17.02.23.02

User

Keiga

DEVICE SEARCH/LINK

DSP TUNING

ON-OFF RULE

DEVICE MONITORING

ACCOUNT FILES

MODEL

Serial number or name

Description

RH1003

17120725

Integrated amplifier with DSP; 250W x 2, 500W x 1; 100V / 70V / 4Ω

DC12V Trigger

OFF

Audio Trigger

Sensitivity

Delay-Off

ON

High

Medium

Low

5 mins

3 mins

1 min

Preset Program

Load

Delete

Save

Default

LOG

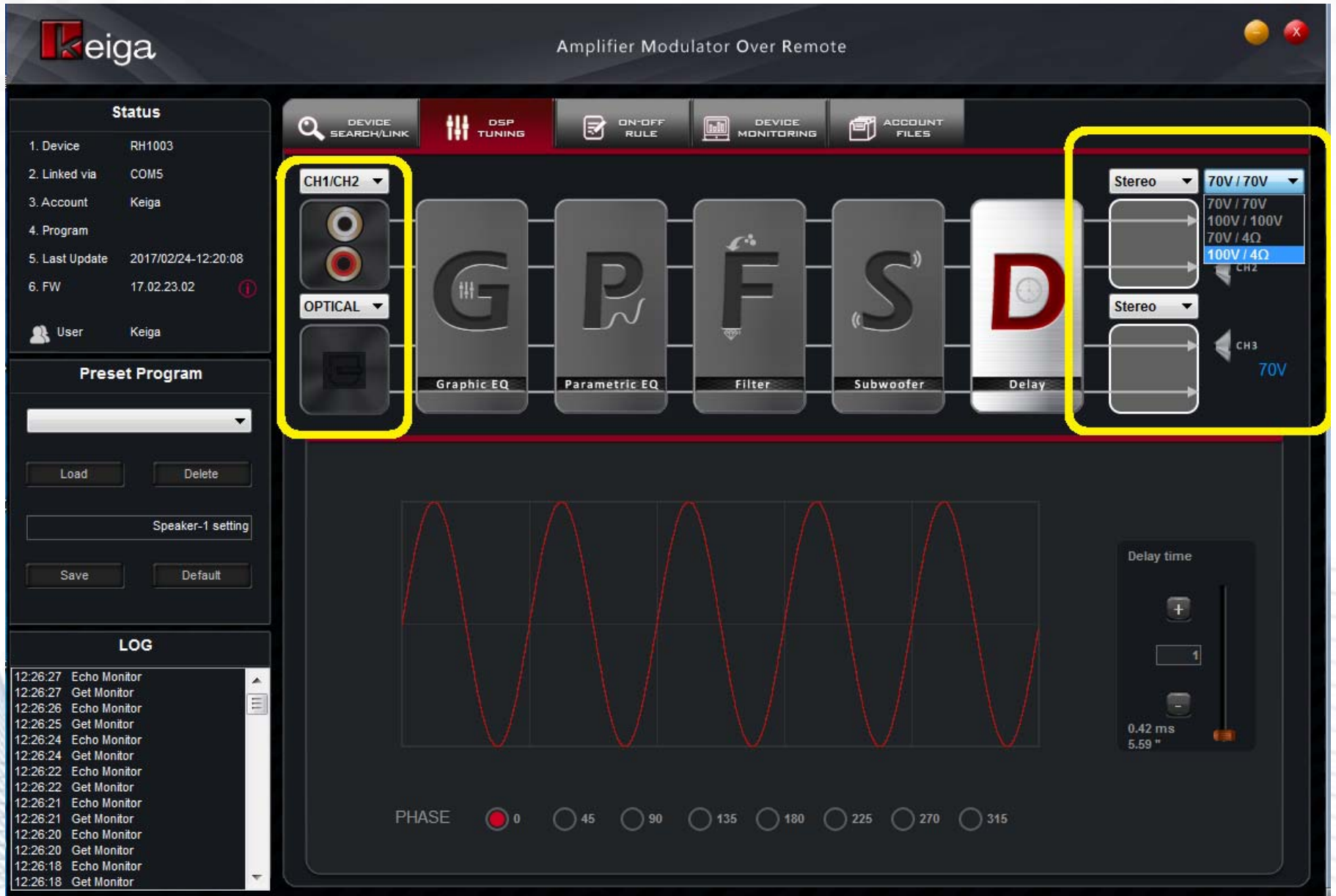
12:18:29 Create On/Off Window.

12:18:27 Create DSP Window.

12:17:44 Echo All Parameters

12:17:44 User Keiga is linking amplifier.

I/O configuration is simple and easy



The screenshot displays the Keiga Amplifier Modulator Over Remote software interface. The interface is divided into several sections:

- Status:**
 - 1. Device: RH1003
 - 2. Linked via: COM5
 - 3. Account: Keiga
 - 4. Program:
 - 5. Last Update: 2017/02/24-12:20:08
 - 6. FW: 17.02.23.02
 - User: Keiga
- Preset Program:**
 - Load
 - Delete
 - Speaker-1 setting
 - Save
 - Default
- LOG:**
 - 12:26:27 Echo Monitor
 - 12:26:27 Get Monitor
 - 12:26:26 Echo Monitor
 - 12:26:25 Get Monitor
 - 12:26:24 Echo Monitor
 - 12:26:24 Get Monitor
 - 12:26:22 Echo Monitor
 - 12:26:22 Get Monitor
 - 12:26:21 Echo Monitor
 - 12:26:21 Get Monitor
 - 12:26:20 Echo Monitor
 - 12:26:20 Get Monitor
 - 12:26:18 Echo Monitor
 - 12:26:18 Get Monitor
- Amplifier Modulator Over Remote:**
 - Navigation:** DEVICE SEARCH/LINK, DSP TUNING, ON-OFF RULE, DEVICE MONITORING, ACCOUNT FILES.
 - CH1/CH2:** A yellow box highlights the input selection area, showing a dropdown menu set to "CH1/CH2" and a "OPTICAL" button.
 - Processing Blocks:** A series of five blocks representing the signal path: Graphic EQ, Parametric EQ, Filter, Subwoofer, and Delay.
 - Output Configuration:** A yellow box highlights the output settings on the right. It shows two channels, both set to "Stereo". The top channel is configured for "70V / 70V" with a dropdown menu showing options: 70V / 70V, 100V / 100V, 70V / 4Ω, and 100V / 4Ω (selected). The bottom channel is configured for "70V" with a dropdown menu showing options: 70V / 70V, 100V / 100V, 70V / 4Ω, and 100V / 4Ω (selected).
 - Waveform Display:** A large area showing a red sine wave waveform.
 - Phase Control:** A row of buttons labeled PHASE with radio buttons for 0, 45, 90, 135, 180, 225, 270, and 315 degrees.
 - Delay Time:** A section on the right with a vertical slider and buttons for "+" and "-". The current delay is set to 0.42 ms and 5.59 inches.

Friendly Graphic User Interface (GUI) save training time for installers



The screenshot displays the Keiga Amplifier Modulator Over Remote GUI. The interface is organized into several sections:

- Status:** A sidebar on the left containing a list of system information: 1. Device, 2. Linked via, 3. Account, 4. Program, 5. Last Update, 6. FW, and a User field showing 'Ivy'.
- Preset Program:** A section below Status with a dropdown menu, 'Load' and 'Delete' buttons, a text input field containing 'Keiga', and 'Save' and 'Default' buttons.
- LOG:** A scrollable log at the bottom left showing system events with timestamps, such as '22:34:47 File saved.' and '22:29:36 User Ivy logged in.'
- Main Control Area:**
 - Navigation Bar:** Includes icons for 'DEVICE SEARCH/LINK', 'DSP TUNING' (active), 'ON-OFF RULE', 'DEVICE MONITORING', and 'ACCOUNT FILES'.
 - Channel Selection:** Dropdowns for 'CH1/CH2' and 'CH3/CH4' are on the left.
 - DSP Modules:** A row of five modules: 'Graphic EQ' (with a large 'G'), 'Parametric EQ' (with a large 'P'), 'Filter' (with a large 'F'), 'Subwoofer' (with a large 'S'), and 'Delay' (with a large 'D').
 - Output Settings:** On the right, there are dropdowns for 'Stereo' and '70V / 4Ω', and a diagram showing signal paths to 'CH1', 'CH2', 'Sub', 'CH3', and 'CH4'.
 - Graphic EQ:** A large section with ten frequency sliders ranging from 32 to 16K. The sliders are currently set to various levels, with '32' and '63' being notably higher than the others.
 - Output Zone Controls:** A section on the left of the sliders with checkboxes for 'ZONE1' (CH1, CH2) and 'ZONE2' (CH3, CH4), along with 'copy' and 'paste' buttons.
 - Preset Buttons:** At the bottom, a row of buttons includes 'Flat', 'Preset1', 'Preset2', 'Preset3' (highlighted with a red background), 'User1', 'User2', and 'Default'.

AMOR GUI on RH1004 – DSP Tuning - PEQ



Status

- Device
- Linked via
- Account
- Program
- Last Update
- FW

User

Keiga

Preset Program

Load

Delete

Save

Default

LOG

23:01:46 Create DSP-Parametric Window.
22:53:19 Create DSP-Level Window.
22:49:38 Create DSP-Delay Window.
22:46:45 Create DSP-Filter Window.
22:46:43 Create DSP Window.
22:46:41 Create Connect Window.
22:46:41 User Keiga logged in.
22:46:33 Start Program.

Amplifier Modulator Over Remote

DEVICE SEARCH/LINK

DSP TUNING

ON-OFF RULE

DEVICE MONITORING

ACCOUNT FILES

CH1/CH2

CH3/CH4

Graphic EQ

Parametric EQ

Filter

Subwoofer

Delay

Stereo

100V / 4Ω

CH1

CH2

CH3

CH4

OUTPUT

ZONE1

CH1

CH2

ZONE2

CH3

CH4

copy

paste

Hz

20

200

2K

20K

Enable

Frequency (Hz)

Gain (dB)

Q-factor

0

0

0

0

-10

-10

-10

-10

0.0

0.0

0.0

0.0

AMOR GUI on RH1004 – DSP Tuning - Filter



Amplifier Modulator Over Remote

Status

1. Device
2. Linked via
3. Account
4. Program
5. Last Update
6. FW

User Keiga

Preset Program

Load Delete

Save Default

LOG

22:46:45 Create DSP-Filter Window.

22:46:43 Create DSP Window.

22:46:41 Create Connect Window.

22:46:41 User Keiga logged in.

22:46:33 Start Program.

DEVICE SEARCH/LINK

DSP TUNING

ON-OFF RULE

DEVICE MONITORING

ACCOUNT FILES

CH1/CH2

COAXIAL

Stereo 100V / 4Ω

CH1 100V

CH2

Stereo

CH3 4Ω

CH4

Graphic EQ

Parametric EQ

Filter

Subwoofer

Delay

OUTPUT

ZONE1 CH1 CH2

ZONE2 CH3 CH4

copy paste

dB

Hz

20 200 2K 20K

High-pass

Enable

Frequency 2556 Hz

Slope 12 dB/oct

Gain 0 dB

Low-pass

Enable

Frequency 1000 Hz

Slope 12 dB/oct

Gain 0 dB

AMOR GUI on RH1004 – DSP Tuning - Subwoofer



keiga Amplifier Modulator Over Remote

Status

1. Device
2. Linked via
3. Account
4. Program
5. Last Update
6. FW

User Ivy

Preset Program

Load Delete

Save Default

LOG

22:32:35 Create DSP-Subwoofer Window.
 22:32:34 Create DSP-Filter Window.
 22:32:27 Create DSP-Parametric Window.
 22:32:25 Create On/Off Window.
 22:32:22 Create DSP-Graphic Window.
 22:30:10 Create DSP-Level Window.
 22:30:08 Create DSP Window.
 22:29:36 Create Connect Window.
 22:29:36 User Ivy logged in.
 22:29:29 Start Program.

DEVICES **DSP TUNING** **ON-OFF RULE** **DEVICE MONITORING** **ACCOUNT FILES**

CH1/CH2 CH3/CH4

Graphic EQ Parametric EQ Filter Subwoofer Delay

Stereo 70V / 4Ω

CH1 70V
CH2

Sub

CH3 4Ω
CH4

Subsonic

☒ Enable

Frequency 20 Hz

Crossover

☒ Enable

Frequency 160 Hz

Slope 24 dB/oct

Gain -9 dB

Frequency Response Graph (dB vs Hz):

Frequency (Hz)	Gain (dB)
20	-10
100	-10
200	-20

AMOR GUI on RH1004 – DSP Tuning - Delay


Amplifier Modulator Over Remote

Status

- Device
- Linked via
- Account
- Program
- Last Update
- FW

User
 Keiga

Preset Program

Load

Delete

Save

Default

LOG

22:49:38 Create DSP-Delay Window.
22:46:45 Create DSP-Filter Window.
22:46:43 Create DSP Window.
22:46:41 Create Connect Window.
22:46:41 User Keiga logged in.
22:46:33 Start Program.

DEVICE SEARCH/LINK
 DSP TUNING
 ON-OFF RULE
 DEVICE MONITORING
 ACCOUNT FILES

CH1/CH2

COAXIAL

Graphic EQ

Parametric EQ

Filter

Subwoofer

Delay

Stereo

100V / 4Ω

CH1

100V

CH2

100V

Stereo

Stereo

Mono

Sub

CH3

4Ω

CH4

4Ω



Delay time

+

77

-

32.11 ms
430.17 "

PHASE

0

45

90

135

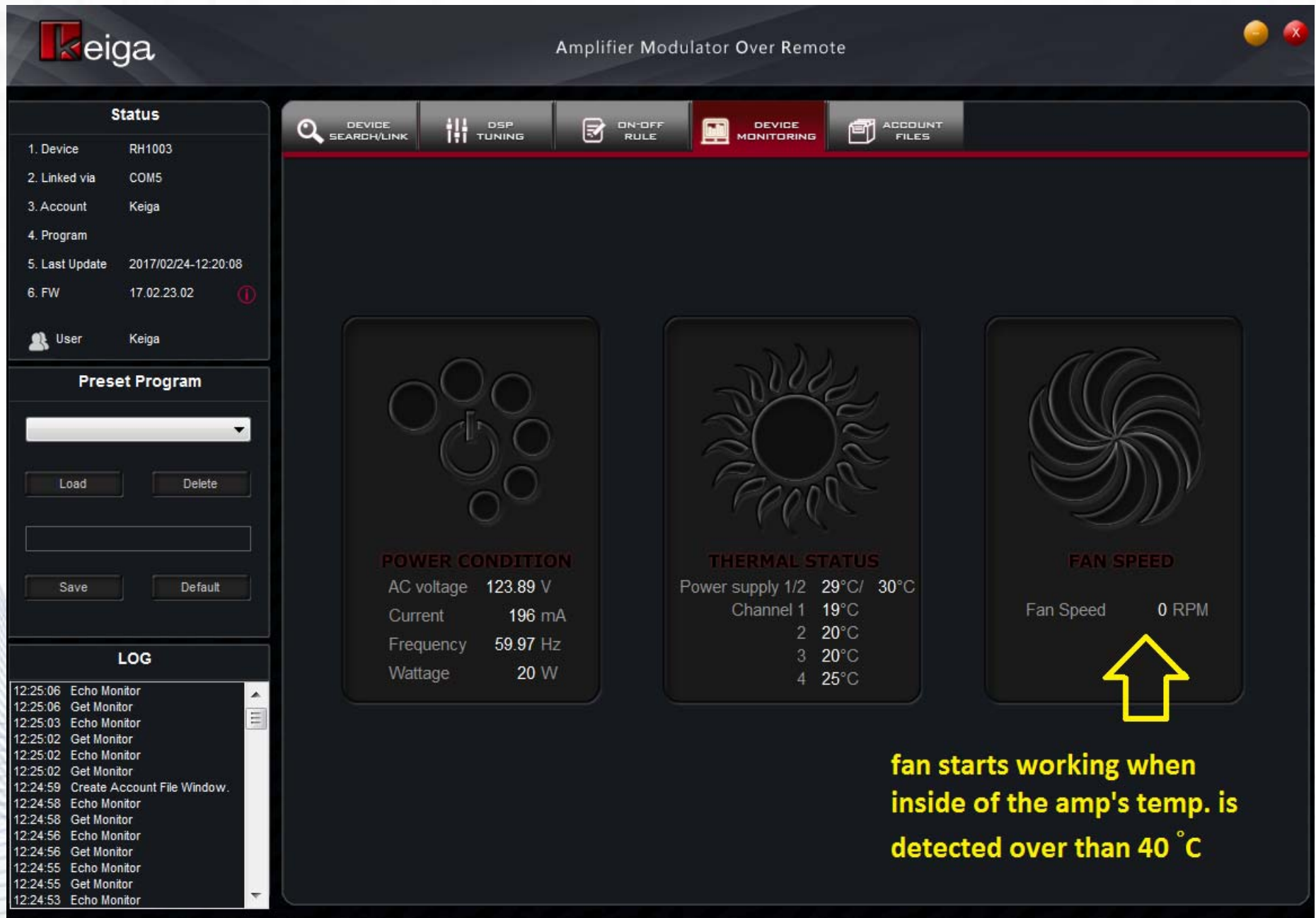
180

225

270

315

Thermal condition monitoring and management give OCP / OVP protections + OTP with variable-speed fan cooler



The screenshot displays the Keiga Amplifier Modulator Over Remote software interface. The interface is divided into several sections:

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 - 2. Linked via: COM5
 - 3. Account: Keiga
 - 4. Program:
 - 5. Last Update: 2017/02/24-12:20:08
 - 6. FW: 17.02.23.02
 - User: Keiga
- Preset Program:**
 - Dropdown menu
 - Buttons: Load, Delete, Save, Default
- LOG:**
 - 12:25:06 Echo Monitor
 - 12:25:06 Get Monitor
 - 12:25:03 Echo Monitor
 - 12:25:02 Get Monitor
 - 12:25:02 Echo Monitor
 - 12:25:02 Get Monitor
 - 12:24:59 Create Account File Window.
 - 12:24:58 Echo Monitor
 - 12:24:58 Get Monitor
 - 12:24:56 Echo Monitor
 - 12:24:56 Get Monitor
 - 12:24:55 Echo Monitor
 - 12:24:55 Get Monitor
 - 12:24:53 Echo Monitor
- Amplifier Modulator Over Remote:**
 - POWER CONDITION:**
 - AC voltage: 123.89 V
 - Current: 196 mA
 - Frequency: 59.97 Hz
 - Wattage: 20 W
 - THERMAL STATUS:**
 - Power supply 1/2: 29°C / 30°C
 - Channel 1: 19°C
 - Channel 2: 20°C
 - Channel 3: 20°C
 - Channel 4: 25°C
 - FAN SPEED:**
 - Fan Speed: 0 RPM

A yellow arrow points to the Fan Speed section, indicating that the fan starts working when the amp's temperature is detected over 40°C.

fan starts working when
inside of the amp's temp. is
detected over than 40 °C

