

# Profanity Delay (Actions)



The information is relevant for version [2.9.34](#) and later.

Description of [Profanity Delay](#) Actions.

## Set video stream

Switching the signal source or file source to the module input.

### Parameters

- **Param1** - input stream type
  - FILE - file source.
  - LIVE - signal from the software module.
- **Param2** - file name, software module name.

## Set format conversion

Sets the video conversion mode upon a mismatch of the input signal Aspect Ratio and the module settings.

### Parameters

- **Param1** - conversion mode. Possible values: scale, crop, box, letter.
- **Param2** - AFD use flag. Possible values: true or false.

## Set format

Setting the Aspect Ratio of the output signal of the module.

### Parameters

- **Param1** - Aspect Ratio. Possible values: 4:3 or 16:9.

## Set delay

Turns on/off the module depending on the parameter.

## Parameters

- **Param1**- controls turning on:
  - 1, on, yes or true - starts the module (enables signal delay by the time equal to the Max Delay value). The delayed signal will appear at the module output after the Max Delay interval.
  - 0, off, no or false - disables the delay. The signal appears at the module output with no delay.

## Toggle delay

Switches the current mode to the opposite: on→off or off→on. Allows using one key to turn on/off the module.

## Parameters

No parameters.

## Add delay

Increases the current delay buffer. Added in version [2.9.27](#).

## Parameters

- **Param1** - the number of frames to add to the delay buffer.

## Add delay start

Starts increasing the current delay buffer. Added in version [2.9.27](#).

## Parameters

- **Param1** - the number of frames to initially add to the delay buffer

## Add delay stop

Stops increasing the current delay buffer. Added in version [2.9.27](#).

## Parameters

No parameters.

## Drop delay

Reduces the current delay buffer. Added in version [2.9.27](#).

## Parameters

- **Param1** - the number of frames to delete from the delay buffer.

## Drop delay start

Starts reducing the current delay buffer. Added in version [2.9.27](#).

## Parameters

- **Param1** - the number of frames to initially delete from the delay buffer.

## Drop delay stop

Stops reducing the current delay buffer. Added in version [2.9.27](#).

## Parameters

No parameters.

## Clear step

Replacement starts after a period equal to (Max Delay-Clear Step), where duration equals Clear Step.

## Parameters

- **Param1** - sound channel mask. Example: 1/2/6/7.

## Clear all

Immediately turns on replacement with duration equal to the Max Delay value. Allows activating the replacement process if the operator missed the right moment.

## Parameters

- **Param1** - sound channel mask. Example: 1/2/6/7.

## Clear start

Replacement starts after a period equal to (Max Delay-Clear Step) and is implemented with no time limits until the Clear Stop command arrives.

## Parameters

- **Param1** - sound channel mask. Example: 1/2/6/7.

## Clear stop

Replacement stops after a period equal to Max Delay.

## Parameters

No parameters.

## Set Source

Assigns a signal source for the service. Allows assigning a different module's output as a signal source.

## Parameters

- **Param1** - string with a new signal source. The string is specified in the format: `shm_pal://SERVICE`. For example: `shm_pal://Capture_1`

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