

11. Events

11.1. Outline

Events are to notify Devices' status/setup changes immediately to external applications. Events are spread out as UDP unicast.

11.2. Conditions

When a request header from an external application contains fields shown below, a Device issues events of status changes. If no event is required, do not include the specified fields:

X-AppName:MusicCast/XXX(YYY)

X-AppPort:ZZZ

*Here XXX stands for an application version, YYY shows OS, ZZZ shows event receiving port.

Following is an example of MusicCast CONTROLLER:

X-AppName:MusicCast/1.40(iOS)

X-AppPort:41100

Event notification timeouts in 10 minutes if no further event request is sent from an IP address set as event receiving device. If another request is made within 10 minutes of previous request, the timeout duration is reset and extended.

Event receiving port will be overwritten if a different port number is sent as a request by the registered device using X-AppPort.

11.3. Details of event data

Following data sets only which had status/setting change and which are valid on each Device and each zone are to be notified by events.

Event Parameters

name	type	Description
system	object	Returns System related information
- bluetooth_info_updated	boolean	Returns whether or not Bluetooth info has changed. If so, pull renewed info using /system/getBluetoothInfo
- bluetooth_device_list_update d	boolean	Returns whether or not Bluetooth (sink) device list has changed. If so, pull renewed info using /system/getBluetoothDeviceList
- func_status_updated	boolean	Returns whether or not System overall info has changed. If so, pull renewed info using /system/getFuncStatus
- speaker_settings_updated	boolean	Reserved
- name_text_updated	boolean	Returns whether or not name text info has changed. If so, pull renewed info using /system/getNameText .
- tag_updated	boolean	Reserved
- location_info_updated	boolean	Returns whether or not Location info has changed. If so, pull renewed info using /system/getLocationInfo
- stereo_pair_info_updated	boolean	Reserved