

## 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_updated | 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   |