

iAM-MIX-IP API Documentation

version 2

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January 24, 2019

Contents

[API Reference](#)

[HTTP Routing](#)

[Status Codes](#)

API

Presets

Get available presets:

Method: GET

URL: /api/cf/presets

Response JSON Object

• string	unit_name:	Product Name ("IAM-ETZ-G4")
• string	model:	Product model ("iAM_MIX_IP")
• string	serial_number:	Product serial number
• float	api_version:	REST API version
• string	result	List of Presets without configuration data.

Status Codes:

• 200	OK	
• 400	Bad Request	Invalid URL
• 404	Data Not Found	Invalid HTTP method request
• 500	Server Error	Internal Server Error

Example request:

```
GET /api/cf/presets
```

Example response:

```
{
  "unit_name": "MIX-XHGCTV",
  "model": "iAM-Mix-IP",
  "api_version": 2,
  "serial_number": "123456",
  "result": [
    {
      "Favorite": 1,
      "Id": 1,
      "Name": "Preset Name 1"
    },
    {
      "Favorite": 1,
      "Id": 2,
      "Name": "Preset Name 2"
    },
    {
      "Favorite": 1,
      "Id": 3,
      "Name": "Preset Name 3"
    },
    {
      "Favorite": 1,
      "Id": 4,
      "Name": "Preset Name 5"
    }
  ]
}
```

```
{
  {
    "Favorite": 1,
    "Id": 5,
    "Name": "Preset Name 6"
  },
  {
    "Favorite": 1,
    "Id": 6,
    "Name": "Preset Name 7"
  },
  {
    "Favorite": 1,
    "Id": 7,
    "Name": "Preset Name 8"
  }
]
}
```

Get preset information:

Method: GET

URL: /api/cf/presets/<int:preset ID>

URL parameters:

- preset ID -- preset ID (Number greater than zero)

Response JSON Object

On success

- string unit_name: Product Name ("IAM-ETZ-G4")
- string model: Product model ("iAM_MIX_IP")
- string serial_number: Product serial number
- float api_version: REST API version
- string result: Preset with configuration data.

On Failure

- int status: HTTP status code.
- string action: Help message
- string message: Error message.

Status Codes:

- 200 OK
- 400 Bad Request Invalid URL
- 404 Data Not Found Invalid HTTP method request
- 500 Server Error Internal Server Error

Example request:

GET /api/cf/presets/5

Example response:

A. On Success:

```
{
  "unit_name": "iAM-Series",
  "model": "iAM-Mix-IP",
  "api_version": 2,
  "serial_number": "123456"
  "result": {
    "program": {
      "Id": "",
      "Name": "NoProgram"
    },
    "group": {
      "Id": "",
      "Name": "NoGroup"
    }
  }
}
```

```
"preset": {
  "Id": 5,
  "Name": "T-S-M-A",
  "Data": {
    "PresetConf": {
      "Cat1100Source": {
        "Pair": 0,
        "Type": "None"
      },
      "ApplyCor": false,
      "MeterSet": {
        "1": {
          "VolumeDb": 0,
          "Source": {
            "Type": "Sfp-1.Sdi.Sdi-1",
            "Channel": 7
          },
          "DelayMs": 0,
          "Speaker": "Left",
          "Label": {
            "Default": true,
            "LabelType": 3,
            "LabelBottom": "7",
            "LabelTop": "SDI-1",
            "LabelID": "1"
          }
        },
        "2": {
          "VolumeDb": 0,
          "Source": {
            "Type": "Sfp-1.Sdi.Sdi-1",
            "Channel": 8
          },
          "DelayMs": 0,
          "Speaker": "Right",
          "Label": {
            "Default": true,
            "LabelType": 3,
            "LabelBottom": "8",
            "LabelTop": "SDI-1",
            "LabelID": "2"
          }
        },
        "3": {
          "VolumeDb": 0,
          "Source": {
            "Type": "Sfp-1.Sdi.Sdi-1",
            "Channel": 9
          },
          "DelayMs": 0,
          "Speaker": "Left",
          "Label": {
            "Default": true,
            "LabelType": 3,
            "LabelBottom": "9",
            "LabelTop": "SDI-1",
            "LabelID": "3"
          }
        }
      }
    }
  }
}
```

```
    },
    "4": {
      "VolumeDb": 0,
      "Source": {
        "Type": "Sfp-1.Sdi.Sdi-1",
        "Channel": 10
      },
      "DelayMs": 0,
      "Speaker": "Right",
      "Label": {
        "Default": true,
        "LabelType": 3,
        "LabelBottom": "10",
        "LabelTop": "SDI-1",
        "LabelID": "4"
      }
    },
    "5": {
      "VolumeDb": 0,
      "Source": {
        "Type": "Madi",
        "Channel": 5
      },
      "DelayMs": 0,
      "Speaker": "Left",
      "Label": {
        "Default": true,
        "LabelType": 3,
        "LabelBottom": "5",
        "LabelTop": "MADI",
        "LabelID": "5"
      }
    },
    "6": {
      "VolumeDb": 0,
      "Source": {
        "Type": "Madi",
        "Channel": 5
      },
      "DelayMs": 0,
      "Speaker": "Right",
      "Label": {
        "Default": true,
        "LabelType": 3,
        "LabelBottom": "5",
        "LabelTop": "MADI",
        "LabelID": "6"
      }
    },
    "7": {
      "VolumeDb": 0,
      "Source": {
        "Type": "Madi",
        "Channel": 5
      },
      "DelayMs": 0,
```

```
    "Speaker": "Left",
    "Label": {
      "Default": true,
      "LabelType": 3,
      "LabelBottom": "5",
      "LabelTop": "MADI",
      "LabelID": "7"
    }
  },
  "8": {
    "VolumeDb": 0,
    "Source": {
      "Type": "Madi",
      "Channel": 5
    },
    "DelayMs": 0,
    "Speaker": "Right",
    "Label": {
      "Default": true,
      "LabelType": 3,
      "LabelBottom": "5",
      "LabelTop": "MADI",
      "LabelID": "8"
    }
  },
  "9": {
    "VolumeDb": 0,
    "Source": {
      "Type": "Madi",
      "Channel": 5
    },
    "DelayMs": 0,
    "Speaker": "Left",
    "Label": {
      "Default": true,
      "LabelType": 3,
      "LabelBottom": "5",
      "LabelTop": "MADI",
      "LabelID": "9"
    }
  },
  "10": {
    "VolumeDb": 0,
    "Source": {
      "Type": "Madi",
      "Channel": 5
    },
    "DelayMs": 0,
    "Speaker": "Right",
    "Label": {
      "Default": true,
      "LabelType": 3,
      "LabelBottom": "5",
      "LabelTop": "MADI",
      "LabelID": "10"
    }
  }
},
```

```
"11": {
  "VolumeDb": 0,
  "Source": {
    "Type": "Aes",
    "Channel": 1
  },
  "DelayMs": 0,
  "Speaker": "Left",
  "Label": {
    "Default": true,
    "LabelType": 3,
    "LabelBottom": "1",
    "LabelTop": "AES",
    "LabelID": "11"
  }
},
"12": {
  "VolumeDb": 0,
  "Source": {
    "Type": "Aes",
    "Channel": 2
  },
  "DelayMs": 0,
  "Speaker": "Right",
  "Label": {
    "Default": true,
    "LabelType": 3,
    "LabelBottom": "2",
    "LabelTop": "AES",
    "LabelID": "12"
  }
},
"13": {
  "VolumeDb": 0,
  "Source": {
    "Type": "Aes",
    "Channel": 3
  },
  "DelayMs": 0,
  "Speaker": "Left",
  "Label": {
    "Default": true,
    "LabelType": 3,
    "LabelBottom": "3",
    "LabelTop": "AES",
    "LabelID": "13"
  }
},
"14": {
  "VolumeDb": 0,
  "Source": {
    "Type": "Aes",
    "Channel": 4
  },
  "DelayMs": 0,
  "Speaker": "Right",
  "Label": {
```



```

        "Default": true,
        "LabelType": 3,
        "LabelBottom": "4",
        "LabelTop": "AES",
        "LabelID": "14"
    },
    "15": {
        "VolumeDb": 0,
        "Source": {
            "Type": "Aes",
            "Channel": 5
        },
        "DelayMs": 0,
        "Speaker": "Left",
        "Label": {
            "Default": true,
            "LabelType": 3,
            "LabelBottom": "5",
            "LabelTop": "AES",
            "LabelID": "15"
        }
    },
    "16": {
        "VolumeDb": 0,
        "Source": {
            "Type": "Aes",
            "Channel": 6
        },
        "DelayMs": 0,
        "Speaker": "Right",
        "Label": {
            "Default": true,
            "LabelType": 3,
            "LabelBottom": "6",
            "LabelTop": "AES",
            "LabelID": "16"
        }
    }
},
"MadiExpectedType": "Coax",
"VideoSource": {},
"DolbySetup": {
    "VsyncMute": "Disable",
    "VideoSyncSource": "None",
    "Dd+LatencyMode": "2Frames",
    "StreamMutes": {
        "Dd+": "Decode",
        "Dd": "Decode",
        "De": "Decode",
        "Pcm": "Pass"
    },
    "DeOnAirMode": "Enable",
    "Type": "None",
    "EmulationModeMainOut": "LineMode",
    "FrameSync": "Disable",
    "EmulationModeDownmixOut": "LineMode",

```

```

    "DeProgramSelect": 1,
    "Pair": 0,
    "DownmixOutputMixMode": "Auto",
    "VsyncAlign": "Disable",
    "Dd+MixMode": "Mixed",
    "ConfidenceDecode": "Disable",
    "CrcErrorCount": "Enable"
  },
  "ConfVersion": 1,
  "AudioOutputRouting": {
    "OutputTypes": {
      "Aoip.Pair-31": {
        "OutputChannels": [
          {
            "OutputTrimDb": 0,
            "MeterSources": [
              1,
              3,
              5,
              7,
              9,
              11,
              13,
              15
            ],
            "Speaker": "L"
          },
          {
            "OutputTrimDb": 0,
            "MeterSources": [
              2,
              4,
              6,
              8,
              10,
              12,
              14,
              16
            ],
            "Speaker": "R"
          }
        ],
        "MasterVolume": true,
        "SpeakerArrangement": "None",
        "SoloMute": true,
        "HeadphoneMute": true,
        "SpeakerMix": true,
        "AutoRoute": false
      },
      "Aoip.Pair-30": {
        "OutputChannels": [
          {
            "OutputTrimDb": 0,
            "MeterSources": [
              1,
              3,
              5,

```

```

        7,
        9,
        11,
        13,
        15
    ],
    "Speaker": "L"
},
{
    "OutputTrimDb": 0,
    "MeterSources": [
        2,
        4,
        6,
        8,
        10,
        12,
        14,
        16
    ],
    "Speaker": "R"
}
],
"MasterVolume": true,
"SpeakerArrangement": "None",
"SoloMute": true,
"HeadphoneMute": true,
"SpeakerMix": true,
"AutoRoute": false
},
"SpeakerHeadphone": {
    "OutputChannels": [
        {
            "OutputTrimDb": 0,
            "MeterSources": [
                1,
                3,
                5,
                7,
                9,
                11,
                13,
                15
            ],
            "Speaker": "L"
        },
        {
            "OutputTrimDb": 0,
            "MeterSources": [
                2,
                4,
                6,
                8,
                10,
                12,
                14,
                16
            ],
            "Speaker": "R"
        }
    ]
}

```

```

        ],
        "Speaker": "R"
    }
],
"MasterVolume": true,
"SpeakerArrangement": "None",
"SoloMute": true,
"HeadphoneMute": true,
"SpeakerMix": true,
"AutoRoute": false
},
"AnalogXlr": {
    "OutputChannels": [
        {
            "OutputTrimDb": 0,
            "MeterSources": [
                1,
                3,
                5,
                7,
                9,
                11,
                13,
                15
            ],
            "Speaker": "L"
        },
        {
            "OutputTrimDb": 0,
            "MeterSources": [
                2,
                4,
                6,
                8,
                10,
                12,
                14,
                16
            ],
            "Speaker": "R"
        }
    ],
    "MasterVolume": true,
    "SpeakerArrangement": "None",
    "SoloMute": true,
    "HeadphoneMute": true,
    "SpeakerMix": true,
    "AutoRoute": false
},
"Aes.Pair-4": {
    "OutputChannels": [
        {
            "OutputTrimDb": 0,
            "MeterSources": [
                1,
                3,
                5,

```

```

        7,
        9,
        11,
        13,
        15
    ],
    "Speaker": "L"
},
{
    "OutputTrimDb": 0,
    "MeterSources": [
        2,
        4,
        6,
        8,
        10,
        12,
        14,
        16
    ],
    "Speaker": "R"
}
],
"MasterVolume": true,
"SpeakerArrangement": "None",
"SoloMute": true,
"HeadphoneMute": true,
"SpeakerMix": true,
"AutoRoute": false
},
"Aes.Pair-1": {
    "OutputChannels": [
        {
            "OutputTrimDb": 0,
            "MeterSources": [
                1,
                3,
                5,
                7,
                9,
                11,
                13,
                15
            ],
            "Speaker": "L"
        },
        {
            "OutputTrimDb": 0,
            "MeterSources": [
                2,
                4,
                6,
                8,
                10,
                12,
                14,
                16
            ],
            "Speaker": "R"
        }
    ]
}

```

```

        ],
        "Speaker": "R"
    }
],
"MasterVolume": true,
"SpeakerArrangement": "None",
"SoloMute": true,
"HeadphoneMute": true,
"SpeakerMix": true,
"AutoRoute": false
},
"Aes.Pair-2": {
    "OutputChannels": [
        {
            "OutputTrimDb": 0,
            "MeterSources": [
                1,
                3,
                5,
                7,
                9,
                11,
                13,
                15
            ],
            "Speaker": "L"
        },
        {
            "OutputTrimDb": 0,
            "MeterSources": [
                2,
                4,
                6,
                8,
                10,
                12,
                14,
                16
            ],
            "Speaker": "R"
        }
    ],
    "MasterVolume": true,
    "SpeakerArrangement": "None",
    "SoloMute": true,
    "HeadphoneMute": true,
    "SpeakerMix": true,
    "AutoRoute": false
},
"Aes.Pair-3": {
    "OutputChannels": [
        {
            "OutputTrimDb": 0,
            "MeterSources": [
                1,
                3,
                5,

```

```

        7,
        9,
        11,
        13,
        15
    ],
    "Speaker": "L"
},
{
    "OutputTrimDb": 0,
    "MeterSources": [
        2,
        4,
        6,
        8,
        10,
        12,
        14,
        16
    ],
    "Speaker": "R"
}
],
"MasterVolume": true,
"SpeakerArrangement": "None",
"SoloMute": true,
"HeadphoneMute": true,
"SpeakerMix": true,
"AutoRoute": false
}
}
},
"SystemClockSource": {
    "Pair": 0,
    "Type": "Sfp-1"
},
"SpeakerOptions": {
    "DelayMs": 0
},
"Clusters": [
    {
        "NumberOfMeters": 1,
        "MuteOnPresetRecall": true,
        "Type": "Mono",
        "Name": "Mono 1.0 #1",
        "FirstMeter": 1
    },
    {
        "NumberOfMeters": 1,
        "MuteOnPresetRecall": true,
        "Type": "Mono",
        "Name": "Mono 1.0 #2",
        "FirstMeter": 2
    },
    {
        "NumberOfMeters": 1,
        "MuteOnPresetRecall": true,

```

```

        "Type": "Mono",
        "Name": "Mono 1.0 #3",
        "FirstMeter": 3
    },
    {
        "NumberOfMeters": 1,
        "MuteOnPresetRecall": true,
        "Type": "Mono",
        "Name": "Mono 1.0 #4",
        "FirstMeter": 4
    },
    {
        "NumberOfMeters": 1,
        "MuteOnPresetRecall": true,
        "Type": "Mono",
        "Name": "Mono 1.0 #5",
        "FirstMeter": 5
    },
    {
        "NumberOfMeters": 1,
        "MuteOnPresetRecall": true,
        "Type": "Mono",
        "Name": "Mono 1.0 #6",
        "FirstMeter": 6
    },
    {
        "NumberOfMeters": 1,
        "MuteOnPresetRecall": true,
        "Type": "Mono",
        "Name": "Mono 1.0 #7",
        "FirstMeter": 7
    },
    {
        "NumberOfMeters": 1,
        "MuteOnPresetRecall": true,
        "Type": "Mono",
        "Name": "Mono 1.0 #8",
        "FirstMeter": 8
    },
    {
        "NumberOfMeters": 1,
        "MuteOnPresetRecall": true,
        "Type": "Mono",
        "Name": "Mono 1.0 #9",
        "FirstMeter": 9
    },
    {
        "NumberOfMeters": 1,
        "MuteOnPresetRecall": true,
        "Type": "Mono",
        "Name": "Mono 1.0 #10",
        "FirstMeter": 10
    },
    {
        "NumberOfMeters": 1,
        "MuteOnPresetRecall": true,
        "Type": "Mono",

```



```

        "Name": "Mono 1.0 #11",
        "FirstMeter": 11
    },
    {
        "NumberOfMeters": 1,
        "MuteOnPresetRecall": true,
        "Type": "Mono",
        "Name": "Mono 1.0 #12",
        "FirstMeter": 12
    },
    {
        "NumberOfMeters": 1,
        "MuteOnPresetRecall": true,
        "Type": "Mono",
        "Name": "Mono 1.0 #13",
        "FirstMeter": 13
    },
    {
        "NumberOfMeters": 1,
        "MuteOnPresetRecall": true,
        "Type": "Mono",
        "Name": "Mono 1.0 #14",
        "FirstMeter": 14
    },
    {
        "NumberOfMeters": 1,
        "MuteOnPresetRecall": true,
        "Type": "Mono",
        "Name": "Mono 1.0 #15",
        "FirstMeter": 15
    },
    {
        "NumberOfMeters": 1,
        "MuteOnPresetRecall": true,
        "Type": "Mono",
        "Name": "Mono 1.0 #16",
        "FirstMeter": 16
    }
],
"MeterPreferences": {
    "muteMasterVolume": false,
    "masterVolume": false
},
"Name": {
    "Preset": "T-S-M-A",
    "Program": "NoProgram",
    "Group": "NoGroup"
}
},
"InputSrcList": {
    "inputClockRefPair": 1,
    "meters": {
        "1": {
            "parentInput": "SFP-1.SDI.SDI-1"
        },
        "2": {
            "parentInput": "SFP-1.SDI.SDI-1"
        }
    }
}

```

```

    },
    "3": {
      "parentInput": "SFP-1.SDI.SDI-1"
    },
    "4": {
      "parentInput": "SFP-1.SDI.SDI-1"
    },
    "5": {
      "parentInput": "MADI"
    },
    "6": {
      "parentInput": "MADI"
    },
    "7": {
      "parentInput": "MADI"
    },
    "8": {
      "parentInput": "MADI"
    },
    "9": {
      "parentInput": "MADI"
    },
    "10": {
      "parentInput": "MADI"
    },
    "11": {
      "parentInput": "AES"
    },
    "12": {
      "parentInput": "AES"
    },
    "13": {
      "parentInput": "AES"
    },
    "14": {
      "parentInput": "AES"
    },
    "15": {
      "parentInput": "AES"
    },
    "16": {
      "parentInput": "AES"
    }
  },
  "Dolby": {
    "VideoSyncSource": "None",
    "DolbyChannelsSource": "None"
  },
  "inputClockRef": "SFP-1"
}

```

B. On Failure:

```
{
  "status": 404,
  "action": "For more information about preset, please see API
            document.",
  "message": "Preset not found for Id: 5"
}
```

Get preset information:

Method: GET

URL: /api/cf/presets/presetbyname/<str:preset Name>

URL parameters:

- preset Name -- preset Name (String maximum length: 10). *The preset name is case sensitive.*

Response JSON Object

On success

- string unit_name: Product Name ("IAM-ETZ-G4")
- string model: Product model ("iAM_MIX_IP")
- string serial_number: Product serial number
- float api_version: REST API version
- string presets: List of Presets with configuration data.

On Failure

- integer status: HTTP status code.
- string action: Help message
- string message: Error message.

Status Codes:

- 200 OK
- 400 Bad Request Invalid URL
- 404 Data Not Found Invalid HTTP method request
- 500 Server Error Internal Server Error

Example request:

GET /api/cf/presets/presetbyname/T-S-M-A

Example response:

A. On Success:

```
{
  "unit_name": "iAM-Series",
  "serial_number": "123456",
  "model": "iAM-Mix-IP",
  "api_version": 2,
  "result": {
    "Cat1100Source": {
      "Pair": 0,
      "Type": "None"
    },
    "ApplyCor": false,
    "MeterSet": {
      "1": {
        "VolumeDb": 0,
        "Source": {
          "Type": "Sfp-1.Sdi.Sdi-1",
```

```
        "Channel": 7
    },
    "DelayMs": 0,
    "Speaker": "Left",
    "Label": {
        "Default": true,
        "LabelType": 3,
        "LabelBottom": "7",
        "LabelTop": "SDI-1",
        "LabelID": "1"
    }
},
"2": {
    "VolumeDb": 0,
    "Source": {
        "Type": "Sfp-1.Sdi.Sdi-1",
        "Channel": 8
    },
    "DelayMs": 0,
    "Speaker": "Right",
    "Label": {
        "Default": true,
        "LabelType": 3,
        "LabelBottom": "8",
        "LabelTop": "SDI-1",
        "LabelID": "2"
    }
},
"3": {
    "VolumeDb": 0,
    "Source": {
        "Type": "Sfp-1.Sdi.Sdi-1",
        "Channel": 9
    },
    "DelayMs": 0,
    "Speaker": "Left",
    "Label": {
        "Default": true,
        "LabelType": 3,
        "LabelBottom": "9",
        "LabelTop": "SDI-1",
        "LabelID": "3"
    }
},
"4": {
    "VolumeDb": 0,
    "Source": {
        "Type": "Sfp-1.Sdi.Sdi-1",
        "Channel": 10
    },
    "DelayMs": 0,
    "Speaker": "Right",
    "Label": {
        "Default": true,
        "LabelType": 3,
        "LabelBottom": "10",
        "LabelTop": "SDI-1",
```

```
        "LabelID": "4"
    },
    },
    "5": {
        "VolumeDb": 0,
        "Source": {
            "Type": "Madi",
            "Channel": 5
        },
        "DelayMs": 0,
        "Speaker": "Left",
        "Label": {
            "Default": true,
            "LabelType": 3,
            "LabelBottom": "5",
            "LabelTop": "MADI",
            "LabelID": "5"
        }
    },
    },
    "6": {
        "VolumeDb": 0,
        "Source": {
            "Type": "Madi",
            "Channel": 5
        },
        "DelayMs": 0,
        "Speaker": "Right",
        "Label": {
            "Default": true,
            "LabelType": 3,
            "LabelBottom": "5",
            "LabelTop": "MADI",
            "LabelID": "6"
        }
    },
    },
    "7": {
        "VolumeDb": 0,
        "Source": {
            "Type": "Madi",
            "Channel": 5
        },
        "DelayMs": 0,
        "Speaker": "Left",
        "Label": {
            "Default": true,
            "LabelType": 3,
            "LabelBottom": "5",
            "LabelTop": "MADI",
            "LabelID": "7"
        }
    },
    },
    "8": {
        "VolumeDb": 0,
        "Source": {
            "Type": "Madi",
            "Channel": 5
        },
    },
    },
}
```

```
    "DelayMs": 0,
    "Speaker": "Right",
    "Label": {
      "Default": true,
      "LabelType": 3,
      "LabelBottom": "5",
      "LabelTop": "MADI",
      "LabelID": "8"
    }
  },
  "9": {
    "VolumeDb": 0,
    "Source": {
      "Type": "Madi",
      "Channel": 5
    },
    "DelayMs": 0,
    "Speaker": "Left",
    "Label": {
      "Default": true,
      "LabelType": 3,
      "LabelBottom": "5",
      "LabelTop": "MADI",
      "LabelID": "9"
    }
  },
  "10": {
    "VolumeDb": 0,
    "Source": {
      "Type": "Madi",
      "Channel": 5
    },
    "DelayMs": 0,
    "Speaker": "Right",
    "Label": {
      "Default": true,
      "LabelType": 3,
      "LabelBottom": "5",
      "LabelTop": "MADI",
      "LabelID": "10"
    }
  },
  "11": {
    "VolumeDb": 0,
    "Source": {
      "Type": "Aes",
      "Channel": 1
    },
    "DelayMs": 0,
    "Speaker": "Left",
    "Label": {
      "Default": true,
      "LabelType": 3,
      "LabelBottom": "1",
      "LabelTop": "AES",
      "LabelID": "11"
    }
  }
}
```

```
},
"12": {
  "VolumeDb": 0,
  "Source": {
    "Type": "Aes",
    "Channel": 2
  },
  "DelayMs": 0,
  "Speaker": "Right",
  "Label": {
    "Default": true,
    "LabelType": 3,
    "LabelBottom": "2",
    "LabelTop": "AES",
    "LabelID": "12"
  }
},
"13": {
  "VolumeDb": 0,
  "Source": {
    "Type": "Aes",
    "Channel": 3
  },
  "DelayMs": 0,
  "Speaker": "Left",
  "Label": {
    "Default": true,
    "LabelType": 3,
    "LabelBottom": "3",
    "LabelTop": "AES",
    "LabelID": "13"
  }
},
"14": {
  "VolumeDb": 0,
  "Source": {
    "Type": "Aes",
    "Channel": 4
  },
  "DelayMs": 0,
  "Speaker": "Right",
  "Label": {
    "Default": true,
    "LabelType": 3,
    "LabelBottom": "4",
    "LabelTop": "AES",
    "LabelID": "14"
  }
},
"15": {
  "VolumeDb": 0,
  "Source": {
    "Type": "Aes",
    "Channel": 5
  },
  "DelayMs": 0,
  "Speaker": "Left",
```



```

        "Label": {
            "Default": true,
            "LabelType": 3,
            "LabelBottom": "5",
            "LabelTop": "AES",
            "LabelID": "15"
        }
    },
    "16": {
        "VolumeDb": 0,
        "Source": {
            "Type": "Aes",
            "Channel": 6
        },
        "DelayMs": 0,
        "Speaker": "Right",
        "Label": {
            "Default": true,
            "LabelType": 3,
            "LabelBottom": "6",
            "LabelTop": "AES",
            "LabelID": "16"
        }
    }
},
"MadiExpectedType": "Coax",
"VideoSource": {},
"DolbySetup": {
    "VsyncMute": "Disable",
    "VideoSyncSource": "None",
    "Dd+LatencyMode": "2Frames",
    "StreamMutes": {
        "Dd+": "Decode",
        "Dd": "Decode",
        "De": "Decode",
        "Pcm": "Pass"
    },
    "DeOnAirMode": "Enable",
    "Type": "None",
    "EmulationModeMainOut": "LineMode",
    "FrameSync": "Disable",
    "EmulationModeDownmixOut": "LineMode",
    "DeProgramSelect": 1,
    "Pair": 0,
    "DownmixOutputMixMode": "Auto",
    "VsyncAlign": "Disable",
    "Dd+MixMode": "Mixed",
    "ConfidenceDecode": "Disable",
    "CrcErrorCount": "Enable"
},
"ConfVersion": 1,
"AudioOutputRouting": {
    "OutputTypes": {
        "Aoip.Pair-31": {
            "OutputChannels": [
                {
                    "OutputTrimDb": 0,

```

```

        "MeterSources": [
            1,
            3,
            5,
            7,
            9,
            11,
            13,
            15
        ],
        "Speaker": "L"
    },
    {
        "OutputTrimDb": 0,
        "MeterSources": [
            2,
            4,
            6,
            8,
            10,
            12,
            14,
            16
        ],
        "Speaker": "R"
    }
],
"MasterVolume": true,
"SpeakerArrangement": "None",
"SoloMute": true,
"HeadphoneMute": true,
"SpeakerMix": true,
"AutoRoute": false
},
"Aoip.Pair-30": {
    "OutputChannels": [
        {
            "OutputTrimDb": 0,
            "MeterSources": [
                1,
                3,
                5,
                7,
                9,
                11,
                13,
                15
            ],
            "Speaker": "L"
        },
        {
            "OutputTrimDb": 0,
            "MeterSources": [
                2,
                4,
                6,
                8,

```

```

        10,
        12,
        14,
        16
    ],
    "Speaker": "R"
}
],
"MasterVolume": true,
"SpeakerArrangement": "None",
"SoloMute": true,
"HeadphoneMute": true,
"SpeakerMix": true,
"AutoRoute": false
},
"SpeakerHeadphone": {
    "OutputChannels": [
        {
            "OutputTrimDb": 0,
            "MeterSources": [
                1,
                3,
                5,
                7,
                9,
                11,
                13,
                15
            ],
            "Speaker": "L"
        },
        {
            "OutputTrimDb": 0,
            "MeterSources": [
                2,
                4,
                6,
                8,
                10,
                12,
                14,
                16
            ],
            "Speaker": "R"
        }
    ],
    "MasterVolume": true,
    "SpeakerArrangement": "None",
    "SoloMute": true,
    "HeadphoneMute": true,
    "SpeakerMix": true,
    "AutoRoute": false
},
"AnalogXlr": {
    "OutputChannels": [
        {
            "OutputTrimDb": 0,

```

```

        "MeterSources": [
            1,
            3,
            5,
            7,
            9,
            11,
            13,
            15
        ],
        "Speaker": "L"
    },
    {
        "OutputTrimDb": 0,
        "MeterSources": [
            2,
            4,
            6,
            8,
            10,
            12,
            14,
            16
        ],
        "Speaker": "R"
    }
],
"MasterVolume": true,
"SpeakerArrangement": "None",
"SoloMute": true,
"HeadphoneMute": true,
"SpeakerMix": true,
"AutoRoute": false
},
"Aes.Pair-4": {
    "OutputChannels": [
        {
            "OutputTrimDb": 0,
            "MeterSources": [
                1,
                3,
                5,
                7,
                9,
                11,
                13,
                15
            ],
            "Speaker": "L"
        },
        {
            "OutputTrimDb": 0,
            "MeterSources": [
                2,
                4,
                6,
                8,

```

```

        10,
        12,
        14,
        16
    ],
    "Speaker": "R"
}

],
"MasterVolume": true,
"SpeakerArrangement": "None",
"SoloMute": true,
"HeadphoneMute": true,
"SpeakerMix": true,
"AutoRoute": false
},
"Aes.Pair-1": {
    "OutputChannels": [
        {
            "OutputTrimDb": 0,
            "MeterSources": [
                1,
                3,
                5,
                7,
                9,
                11,
                13,
                15
            ],
            "Speaker": "L"
        },
        {
            "OutputTrimDb": 0,
            "MeterSources": [
                2,
                4,
                6,
                8,
                10,
                12,
                14,
                16
            ],
            "Speaker": "R"
        }
    ],
    "MasterVolume": true,
    "SpeakerArrangement": "None",
    "SoloMute": true,
    "HeadphoneMute": true,
    "SpeakerMix": true,
    "AutoRoute": false
},
"Aes.Pair-2": {
    "OutputChannels": [
        {
            "OutputTrimDb": 0,

```

```

        "MeterSources": [
            1,
            3,
            5,
            7,
            9,
            11,
            13,
            15
        ],
        "Speaker": "L"
    },
    {
        "OutputTrimDb": 0,
        "MeterSources": [
            2,
            4,
            6,
            8,
            10,
            12,
            14,
            16
        ],
        "Speaker": "R"
    }
],
"MasterVolume": true,
"SpeakerArrangement": "None",
"SoloMute": true,
"HeadphoneMute": true,
"SpeakerMix": true,
"AutoRoute": false
},
"Aes.Pair-3": {
    "OutputChannels": [
        {
            "OutputTrimDb": 0,
            "MeterSources": [
                1,
                3,
                5,
                7,
                9,
                11,
                13,
                15
            ],
            "Speaker": "L"
        },
        {
            "OutputTrimDb": 0,
            "MeterSources": [
                2,
                4,
                6,
                8,

```

```

        10,
        12,
        14,
        16
    ],
    "Speaker": "R"
}

],
"MasterVolume": true,
"SpeakerArrangement": "None",
"SoloMute": true,
"HeadphoneMute": true,
"SpeakerMix": true,
"AutoRoute": false
}
}
},
"SystemClockSource": {
    "Pair": 0,
    "Type": "Sfp-1"
},
"SpeakerOptions": {
    "DelayMs": 0
},
"Clusters": [
    {
        "NumberOfMeters": 1,
        "MuteOnPresetRecall": true,
        "Type": "Mono",
        "Name": "Mono 1.0 #1",
        "FirstMeter": 1
    },
    {
        "NumberOfMeters": 1,
        "MuteOnPresetRecall": true,
        "Type": "Mono",
        "Name": "Mono 1.0 #2",
        "FirstMeter": 2
    },
    {
        "NumberOfMeters": 1,
        "MuteOnPresetRecall": true,
        "Type": "Mono",
        "Name": "Mono 1.0 #3",
        "FirstMeter": 3
    },
    {
        "NumberOfMeters": 1,
        "MuteOnPresetRecall": true,
        "Type": "Mono",
        "Name": "Mono 1.0 #4",
        "FirstMeter": 4
    },
    {
        "NumberOfMeters": 1,
        "MuteOnPresetRecall": true,
        "Type": "Mono",

```

```

        "Name": "Mono 1.0 #5",
        "FirstMeter": 5
    },
    {
        "NumberOfMeters": 1,
        "MuteOnPresetRecall": true,
        "Type": "Mono",
        "Name": "Mono 1.0 #6",
        "FirstMeter": 6
    },
    {
        "NumberOfMeters": 1,
        "MuteOnPresetRecall": true,
        "Type": "Mono",
        "Name": "Mono 1.0 #7",
        "FirstMeter": 7
    },
    {
        "NumberOfMeters": 1,
        "MuteOnPresetRecall": true,
        "Type": "Mono",
        "Name": "Mono 1.0 #8",
        "FirstMeter": 8
    },
    {
        "NumberOfMeters": 1,
        "MuteOnPresetRecall": true,
        "Type": "Mono",
        "Name": "Mono 1.0 #9",
        "FirstMeter": 9
    },
    {
        "NumberOfMeters": 1,
        "MuteOnPresetRecall": true,
        "Type": "Mono",
        "Name": "Mono 1.0 #10",
        "FirstMeter": 10
    },
    {
        "NumberOfMeters": 1,
        "MuteOnPresetRecall": true,
        "Type": "Mono",
        "Name": "Mono 1.0 #11",
        "FirstMeter": 11
    },
    {
        "NumberOfMeters": 1,
        "MuteOnPresetRecall": true,
        "Type": "Mono",
        "Name": "Mono 1.0 #12",
        "FirstMeter": 12
    },
    {
        "NumberOfMeters": 1,
        "MuteOnPresetRecall": true,
        "Type": "Mono",
        "Name": "Mono 1.0 #13",

```



```

        "FirstMeter": 13
    },
    {
        "NumberOfMeters": 1,
        "MuteOnPresetRecall": true,
        "Type": "Mono",
        "Name": "Mono 1.0 #14",
        "FirstMeter": 14
    },
    {
        "NumberOfMeters": 1,
        "MuteOnPresetRecall": true,
        "Type": "Mono",
        "Name": "Mono 1.0 #15",
        "FirstMeter": 15
    },
    {
        "NumberOfMeters": 1,
        "MuteOnPresetRecall": true,
        "Type": "Mono",
        "Name": "Mono 1.0 #16",
        "FirstMeter": 16
    }
],
"MeterPreferences": {
    "muteMasterVolume": false,
    "masterVolume": false
},
"Name": {
    "Preset": "",
    "Program": "",
    "Group": ""
}
}

}

```

B. On Failure:

```

{
    "status": 404,
    "action": "For more information about preset, please see API
              document",
    "message": "Preset 'IAM-ETZ-G41' was not found"
}

```

Get current active preset

Method: GET

URL: /api/cf/presets/current

Response JSON Object

• string	unit_name:	Product Name ("IAM-ETZ-G4")
• string	model:	Product model ("iAM_MIX_IP")
• string	serial_number:	Product serial number
• float	api_version:	REST API version
• string	result:	Preset information without configuration data.

Status Codes:

• 200	OK	
• 400	Bad Request	Invalid URL
• 404	Data Not Found	Invalid HTTP method request
• 500	Server Error	Internal Server Error

Example request:

```
GET /api/cf/presets/current
```

Example response:

```
{
  "unit_name": "iAM-Series",
  "model": "iAM-Mix-IP",
  "api_version": 2,
  "serial_number": "123456",
  "result": {
    "preset": {
      "Id": 5,
      "Name": "T-S-M-A"
    }
  }
}
```

Preset Activation

Method: PATCH

URL: /api/cf/presets/<int:preset ID>/activate

URL parameters:

- preset ID -- preset ID (Number greater than zero)

Response JSON Object

On success

- | | | |
|-----------|----------------|------------------------------|
| • string | unit_name: | Product Name ("IAM-ETZ-G4") |
| • string | model: | Product model ("iAM_MIX_IP") |
| • string | serial_number: | Product serial number |
| • float | api_version: | REST API version |
| • string | warning: | Message |
| • string | message: | Message |
| • integer | status: | HTTP status code |

On Failure

- | | | |
|-----------|----------|-------------------|
| • integer | status: | HTTP status code. |
| • string | action: | Help message |
| • string | message: | Error message. |

Status Codes:

- | | | |
|-------|----------------|---------------------------------|
| • 200 | OK | Request accepted for processing |
| • 400 | Bad Request | Invalid URL |
| • 404 | Data Not Found | Invalid HTTP method request |
| • 500 | Server Error | Internal Server Error |

Example request:

```
PATCH /api/cf/presets/5/activate
```

Example response:

A. On Success:

```
{
  "status": 200,
  "unit_name": "iAM-Series",
  "api_version": 2,
  "warning": "",
  "serial_number": "123456",
  "model": "iAM-Mix-IP",
  "message": "Preset 5:T-S-M-A is set for recall"
}
```

B. On Failure:

```
{
  "status": 404,
  "action": "For more information about preset recall, please see API
            document.",
  "message": "Preset not found for Id: 55"
}
```

Setting Solo Meter

Method: PATCH

URL: /api/op/presets/mute-meters

URL parameters:

- **data** Data in JSON format.

Request

- **Headers**
 - Accept:** application/json
 - Content-Type:** application/json

Data content

```
{
  "meters": [
    {
      "meter_number": "<Int: 1-16> (Mix-IP 16) or <Int: 1-8> (Mix-IP 8),",
      "mute": "<String: Y|N>"
    }
  ]
}
```

Response JSON Object

On success

- **string** **unit_name:** Product Name ("IAM-ETZ-G4")
- **string** **model:** Product model ("iAM_MIX_IP")
- **string** **serial_number:** Product serial number
- **float** **api_version:** REST API version
- **string** **message:** Message
- **integer** **status:** HTTP status code

On Failure

- **integer** **status:** HTTP status code.
- **string** **action:** Help message
- **string** **message:** Error message.

Status Codes:

- **200** **OK** Request accepted for processing
- **400** **Bad Request** Invalid URL
- **405** **Method is not allow** Invalid HTTP method request
- **422** **Unprocessable Entity** For missing or invalid parameters

Example request:

```
PATCH /api/op/presets/mute-meters file_data.json
```

file_data.json content:

```
{
  "meters": [
    {"meter_number": 14, "mute": "Y"},
    {"meter_number": 3, "mute": "N"},
    {"meter_number": 18, "mute": "Y"},
    {"meter_number": 1, "mute": "N"},
    {"meter_number": 8, "mute": "Y"}
  ]
}
```

Example responses:

A. On Success: All valid meters:

```
{
  "status": 200,
  "unit_name": "iAM-Series",
  "serial_number": "123456",
  "model": "iAM-Mix-IP",
  "message": "Mute meters have been applied successfully",
  "api_version": 2
}
```

B. Invalid meter number:

```
{
  "status": 422,
  "action": "For more information about mute-meters, please see
    API document.",
  "message": {
    "meters":
      {
        "2": {
          "meter_number": ["Must be between 1 and 16."]
        }
      }
  }
}
```

C. Missing parameter:

```
{
  "status": 422,
  "action": "For more information about mute-meters, please see
    API document.",
}
```

```
"message": {  
  "meters":  
    {  
      "2": {  
        "meter_number":  
          ["Missing data for required field."]  
      }  
    }  
  }  
}
```

Setting Solo Meter

Method: PATCH

URL: /api/op/presets/solo-meter

URL parameters:

- **data** Data in JSON format.

Request

- **Headers**
 - Accept:** application/json
 - Content-Type:** application/json

Data content

```
{
  " meter_number ": <Int: 1-16> (Mix-IP 16) or <Int: 1-8> (Mix-IP 8)
}
```

Response JSON Object

On success

- **string** **unit_name:** Product Name ("IAM-ETZ-G4")
- **string** **model:** Product model ("iAM_MIX_IP")
- **string** **serial_number:** Product serial number
- **float** **api_version:** REST API version
- **string** **message:** Message
- **integer** **status:** HTTP status code

On Failure

- **integer** **status:** HTTP status code.
- **string** **action:** Help message
- **string** **message:** Error message.

Status Codes:

- **200** **OK** Request accepted for processing
- **400** **Bad Request** Invalid URL
- **405** **Method is not allow** Invalid HTTP method request
- **422** **Unprocessable Entity** For missing or invalid parameters

Example request:

```
PATCH /api/op/presets/solo-meter file_data.json
```

file_data.json content:

```
{
  "meter_number": 5
}
```

Example responses:

A. On Success: All valid meter in preset:

```
{
  "status": 200,
  "unit_name": "iAM-Series",
  "serial_number": "123456",
  "model": "iAM-Mix-IP",
  "message": "Solo meter : 5 has been applied successfully",
  "api_version": 2
}
```

B. Invalid meter number:

```
{
  "status": 422,
  "action": "For more information about valid meter numbers, please
    see API document.",
  "message": {
    "meter_number": ["Must be between 1 and 16."]
  }
}
```

C. Missing parameter:

```
{
  "status": 422,
  "action": "For more information about valid meter numbers, please
    see API document.",
  "message": {
    "meter_number": ["Missing data for required field."]
  }
}
```

Setting UnSolo Meter

Method: PATCH

URL: /api/op/presets/unsolo-meter

URL parameters:

- **data** Data in JSON format.

Request

- **Headers**
 - Accept:** application/json
 - Content-Type:** application/json

Response JSON Object

- **string** **unit_name:** Product Name ("IAM-ETZ-G4")
- **string** **model:** Product model ("iAM_MIX_IP")
- **string** **serial_number:** Product serial number
- **float** **api_version:** REST API version
- **string** **message:** Message
- **integer** **status:** HTTP status code

Status Codes:

- **200** **OK** Request accepted for processing
- **400** **Bad Request** Invalid URL
- **405** **Method is not allow** Invalid HTTP method request
- **422** **Unprocessable Entity** For missing or invalid parameters

Example request:

PATCH /api/op/presets/unsolo-meter

Example responses:

```
{
  "status": 200,
  "unit_name": "iAM-Series",
  "serial_number": "123456",
  "model": "iAM-Mix-IP",
  "message": "UnSolo has been applied successfully",
  "api_version": 2
}
```

Source Select

Method: PATCH

URL: /api/op/sourceselect

URL parameters:

- **data** Data in JSON format.

Request

- **Headers**
 - Accept:** application/json
 - Content-Type:** application/json

SourceType and input Source are case sensitive.

1. Body content for SDI

```
{  
    "SourceType": <String: SDI Input Source>  
}
```

Note: Allowed SDI input sources are:

```
"Sfp-1.Sdi.Sdi-1",  
"Sfp-2.Sdi.Sdi-1"
```

2. Body content for MADI

```
{  
    "SourceType": <String: MADI Input Source>,  
    "Labels": <Int: 1-4>  
}
```

Note: Allowed SDI input sources are

```
"Madi.Coax" and  
"Madi.Optical"  
ChannelGroup 1 => Channels 1-16 and  
ChannelGroup 2 => Channels 17-32 and so on...
```

3. Body content for Analog

```
{  
    "SourceType": "Analog"  
}
```

4. Body content for Aes

```
{  
    "SourceType": "Aes"  
}
```

5. Body content for Aoip

```
{  
    "SourceType": "Aoip",  
    "ChannelGroup": <Int: 1-4> (Mix-IP 16) or <Int: 1-8> (Mix-IP 8)
```

```
}
```

6. Body content for SMPTE 2022

Note: Allowed SMPTE 2110 input sources are:

```
"Sfp-1.Smppte2022",
"Sfp-2.Smppte2022",
{
  "SourceType": "Sfp-1.Smppte2022",
  "ChannelGroup": <Int: 1-4> (Mix-IP 16) or <Int: 1-8> (Mix-IP 8)
}
```

7. Body content for SMPTE 2110

Note: Allowed SMPTE 2110 input sources are:

```
"Sfp-1.Smppte2110",
"Sfp-2.Smppte2110",
{
  "SourceType": "Sfp-1.Smppte2110",
  "ChannelGroup": <Int: 1-4> (Mix-IP 16) or <Int: 1-8> (Mix-IP 8)
}
```

Note: ChannelGroup 1 => Channels 1-16 and ChannelGroup 2 => Channels 17-32 and so on

Response JSON Object

On success

• string	unit_name:	Product Name ("IAM-ETZ-G4")
• string	model:	Product model ("iAM_MIX_IP")
• string	serial_number:	Product serial number
• float	api_version:	REST API version
• string	message:	Message
• integer	status:	HTTP status code

On Failure

• integer	status:	HTTP status code.
• string	action:	Help message
• string	message:	Error message.

Status Codes:

• 200	OK	
• 400	Bad Request	Invalid URL
• 404	Method is not allow	Invalid HTTP method request
• 422	Unprocessable Entity	For missing or invalid parameters
• 500	Server Error	Internal server error

Example request:

```
PATCH /api/op/sourceselect file_data.json
file_data.json content:
```

```
{
  "SourceType": "Madi.Coax",
  "ChannelGroup": 4
}
```

Example response:**A. On Success:**

```
{
  "unit_name": "iAM-Series",
  "serial_number": "123456",
  "model": "iAM-Mix-IP",
  "message": "Input Source Madi.Coax has been applied successfully",
  "api_version": 2,
  "status": 200
}
```

B. On Failure: Invalid channel group:

```
{
  "status": 422,
  "action": "For more information about valid Input Sources, please
            see API document.",
  "message": {
    "ChannelGroup": ["Must be between 1 and 8."]
  }
}
```

C. On Failure: Invalid Source Type:

```
{
  "status": 422,
  "action": "For more information about valid Input Sources, please
            see API document.",
  "message": {
    "SourceType": ["Not a valid choice."]
  }
}
```

D. On Failure: Source not licensed:

```
{
  "status": 422,
  "action": "For more information about licensed keys, please contact
            Wohler Support.",
  "message": "Sfp-1.Smpte2022 Source Not Licensed"
}
```

Setting Labels

Method: PATCH

URL: /api/cf/presets/labels

URL parameters:

- **data** Data in JSON format.

Request

- **Headers**
 - Accept:** application/json
 - Content-Type:** application/json

SourceType is case sensitive.

1. Body content :

```
{
  "SourceType": <String: Input Source>

  "Labels": [
    {
      "SourceChannel": <Integer: Channel Number>],
      "Top": <String: Top Label>],
      "Bottom": <String: Bottom Label>
    },
    ...
  ]
}
```

2. Body content for SDI:

Note: Allowed SDI input sources are:

```
"Sfp-1.Sdi.Sdi-1",
"Sfp-2.Sdi.Sdi-1"
```

SourceChannel: Channels 1-16

3. Body content for MADI

Note: Allowed SDI input sources are

```
"Madi.Coax" and
"Madi.Optical"
```

SourceChannel: => Channels 1-64

4. Body content for Analog

```
SourceType: "Analog"
SourceChannel: Channels 1-8
```

5. Body content for Aes

SourceType: "Aes"

SourceChannel: Channels 1-8

6. Body content for Aoip

SourceType: "Aoip",

SourceChannel: <Int: 1-64> (DANTE) or <Int: 1-256> (RAVENNA)

7. Body content for SMPTE 2022

Note: Allowed SMPTE 2110 input sources are:

"Sfp-1.Smpte2022",

"Sfp-2.Smpte2022",

SourceChannel: Channels 1-16

8. Body content for SMPTE 2110

Note: Allowed SMPTE 2110 input sources are:

"Sfp-1.Smpte2110",

"Sfp-2.Smpte2110",

SourceChannel: Channels 1-16

Response JSON Object

On success

• string	unit_name:	Product Name ("IAM-ETZ-G4")
• string	model:	Product model ("iAM_MIX_IP")
• string	serial_number:	Product serial number
• float	api_version:	REST API version
• string	message:	Message
• integer	status:	HTTP status code

On Failure

• integer	status:	HTTP status code.
• string	action:	Help message
• string	message:	Error message.

Status Codes:

• 200	OK	Request accepted for processing
• 400	Bad Request	Invalid URL
• 405	Method is not allow	Invalid HTTP method request
• 422	Unprocessable Entity	For missing or invalid parameters

Example request:

```
PATCH /api/cf/presets/labels file_data.json
```

file_data.json content:

```
{
  "SourceType": "Sfp-1.Sdi.Sdi-1",
  "Labels": [
    {"SourceChannel": 5, "Top": "T5", "Bottom": "B5"},
    {"SourceChannel": 7, "Top": "T7", "Bottom": "B7"}
  ]
}
```

Example responses:

A. On Success: All valid meter in preset:

```
{
  "status": 200,
  "unit_name": "iAM-Series",
  "serial_number": "123456",
  "model": "iAM-Mix-IP",
  "message": "Labels of Sfp-1.Sdi.Sdi-1 input source have been updated
             successfully",
  "api_version": 2
}
```

B. Invalid Source Type:

```
{
  "status": 422,
  "action": "Invalid data found. For more information about valid
            required fields and values. Please see API document.",
  "message": {
    "SourceType": ["Not a valid choice."]
  }
}
```


HTTP Routing Table

GET /api/cf/presets

GET /api/cf/presets/(int:preset Id)

GET /api/cf/presets/ presetbyname/(str:preset Name)

GET /api/cf/presets/current

PATCH /api/cf/presets/(int:preset Id)/activate

PATCH /api/op/presets/mute-meters

PATCH /api/op/presets/solo-meter

PATCH /api/op/presets/unsolo-meter

PATCH /api/op/sourceselect

PATCH /api/cf/presets/labels

Status Codes

200	OK	
400	Bad Request	Invalid URL
404	Method is not allow	Invalid HTTP method request
422	Unprocessable Entity	For missing or invalid parameters
500	Server Error	Internal server error
505	HTTP version not supported	This API has been deprecated. It will be removed at some point in the future.