



USB SERVICE

INDEX

INTRODUCTION	3
COMMANDS	4
XPEAK_COMMAND_DISABLE_CONNECTION_EVENTS (v.1207)	5
XPEAK_COMMAND_ENABLE_CONNECTION_EVENTS (v.1207)	6
XPEAK_COMMAND_GET_CAPABILITIES (v.0706)	7
XPEAK_COMMAND_GET_CONNECTED_DEVICES (v.1207)	8

INTRODUCTION

This documentation details the specific set of commands for Plug and Play devices detection. These, along with *common commands* conform the complete set of commands available for Plug and Play detection. Sometimes, certain *common commands* can be overwritten within a specific service, because they change their behavior. In the case of **Id Service**, following commands are overwritten:

- [XPEAK_COMMAND_GET_CAPABILITIES](#)

All commands described here meet the *Xpeak* specification [General Message Format](#)

COMMANDS

XPEAK_COMMAND_DISABLE_CONNECTION_EVENTS (0x1207001A)

Version: 1207

Description:

Disables the reception of Usb events.

Result:

See Common Results

XPEAK_COMMAND_ENABLE_CONNECTION_EVENTS (0x12070019)

Version: 1207

Description:

Once it is executed it enables the reception of Usb events until a command [XPEAK_COMMAND_DISABLE_CONNECTION_EVENTS](#) is executed.

Parameters:

- **Struct[] DevicesList**
List of devices to listen. If null, all Usb devices will be listened.
- **int Vendor**
16-bit vendor number of the Usb device.
- **int Product**
16-bit product number of the Usb device.

Result:

See Common Results

Events:

XPEAK_RESULT_DEVICE_CONNECTED (0x1207000C) Since 1207

This event is thrown whenever a previously registered device is connected to the computer.

- **int Vendor**
16-bit vendor number of the Usb device.
- **int Product**
16-bit product number of the Usb device.

XPEAK_RESULT_DEVICE_DISCONNECTED (0x1207000D) Since 1207

This event is thrown whenever a previously registered device is disconnected to the computer.

- **int Vendor**
16-bit vendor number of the Usb device.
- **int Product**
16-bit product number of the Usb device.

XPEAK_COMMAND_GET_CAPABILITIES (0x7060017)

Version: 0706

Description:

Returns the device capabilities. Depending on them, the application behavior should be different and should be adapted to the peripheral characteristics.

Result:

See Common Results

XPEAK_COMMAND_GET_CONNECTED_DEVICES (0x12070018)

Version: 1207

Description:

Returns a list with the Usb devices currently connected to the computer.

Result:

- **Struct[] DevicesList**
List of devices currently connected to the computer.
- **int Vendor**
16-bit vendor number of the Usb device.
- **int Product**
16-bit product number of the Usb device.