INDICATOR SERVICE

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INTRODUCTION

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

- XPEAK_COMMAND_GET_CAPABILITIES

All commands described here meet the *Xpeak* specification General Message Format

COMMANDS

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:

- **boolean CanGetValue**

  Indicates if it is possible to get the indicator status using the command XPEAK_COMMAND_GET_VALUE.

- **int[] Values**

  Array with all the possible statuses that the indicator can have. These statuses are defined by the application. The application defines the possible indicator statuses as well as the numeric value associated with each status.

XPEAK_COMMAND_GET_VALUE (0x70600C1)

Version: 0706

Description:

Returns the current status of the indicator. This status value will be one of the possible values defined in the *Values* array returned by the XPEAK_COMMAND_GET_CAPABILITIES command. If the indicator status can not be obtained (see the result *CanGetValue* on the command XPEAK_COMMAND_GET_CAPABILITIES), this command will return XPEAK_RESULT_COMMAND_NOT_SUPPORTED (0x706001D).

Result:

- **int Value**
  The current status of the indicator

XPEAK_COMMAND_SET_VALUE (0x70600C0)

Version: 0706

Description:

Changes the indicator status to the status indicated in the parameter *Value*. This status should be contained in the list of available status, returned in the array *Values* of the XPEAK_COMMAND_GET_CAPABILITIES command. Otherwise, the command will return XPEAK_RESULT_INVALID_PARAMETER (0x706003A).

Parameters:

- **int Value**
  New indicator status.

Result:

See Common Results