



NOTE 29

Using GPIO on AudioScience Devices

1 Introduction

This note outlines how a developer should go about adding code to an application to enable control of AudioScience GPIO opto inputs and relay outputs.

2 Implementation

The GPIO implementation on the 6700 cards, CobraNet endpoints and Hono AVB endpoints all support the HPI universal control interface for controlling the GPIO. The specific HPI commands to use are detailed in on-line documentation.

The HPI SDK should be downloaded from the AudioScience SDK page [here](#).

3 HPI GPIO Programming Interface

Top level HPI documentation is available [here](#).

GPIO control documentation is available [here](#).

A simple GPIO example application is available [here](#).

<end>