

PRODUCT SUPPORT INFORMATION

KENNEDY TECHNOLOGY GROUP

Revision DATE: 6/7/04 - Document Part #65180R1

Document purpose: To instruct on the mixing and matching of *SingetSets* and *DualSets* and their associated power and device harness.

Part numbers included in this support document:

Part #	Model	Type
95198	SingleSet	Interface
95199	DualSet	Interface
95299	Universal	Power harness
95206	IQue Harness	Device harness
95207	Garmin SPill	Device harness
95208	Passport	Device harness
95209	Valentine	Device harness
95210	Cobra	Device harness
95211	Garmin 2610	Device harness

In order to effectively use Kennedy audio interface products, it is important to understand how they can connect. This document exists toward that end. Furthermore, it contains example connections which may prove enlightening.

Not covered in this document are interface connections between the devices listed above and the bike's intercom system; there is not much variation lying therein.

Device Harnesses

All Kennedy Device Harnesses (except the IQue, see note,below) have common connectors that allow them to connect to most Kennedy Interface devices (e.g. *SingleSet*, *DualSet*). Those connectors and their purpose are shown in Figure 1, below.

Note: The IQue Device Harness does not have a device power input, only a connector for the audio output. Power for the IQue is provided by the customer's OEM power adapter via a cigarette lighter connector. If the customer is using a Kennedy IQue Device Harness, he does not need to purchase a corresponding Kennedy Power Harness.

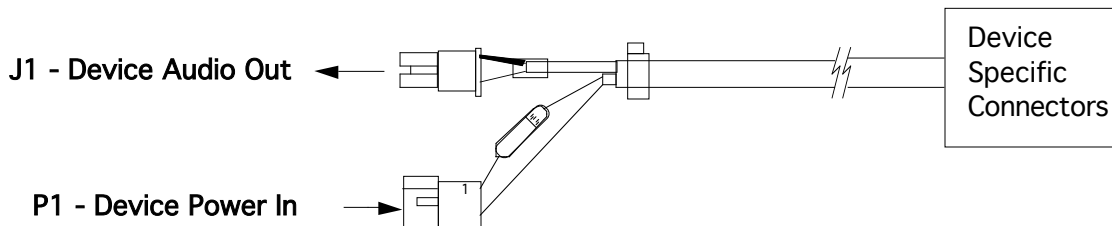


Figure 1. Device Harness Connectors

Power Harness

The power connection will be determined by the kind of power source required (switched or un switched). Radar Detectors should be connected to a switched source, GPS devices are usually connected to an unswitched

source. Some KTG interface units required a switched source, some do not. Refer to that interface unit's instructions for that requirement.

Locate a power point on your motorcycle (refer to your owner's manual). Use the terminals supplied to make the connection to the bike. Included in the kit are:

- ◇ 2 ea. Yellow #10 insulated ring terminals (recommended for attaching the Power Harness to Goldwing fuse panel accessory lugs).
- ◇ 1 ea. un-insulated 1/4" ring terminal (for chassis ground connections)
- ◇ 1 ea. Red 1/4" insulated ring terminal (for battery lug connections)
- ◇ 1 ea. Dark red colored tap terminal - crimp to a power lead (22 to 18 gauge) on the motorcycle and connect to the light, pink terminal listed below.
- ◇ 1 ea. Light pink insulated male terminal

After crimping the appropriate connectors to the Power Harness, connect the terminal crimped to the red wire to the positive power point and connect the terminal crimped to the black wire to the bike power return.

Connecting Devices to a *SingleSet*

The *SingleSet* is an audio interface device. It is passive (requires no power source) and contains no connectors for power distribution to multiple Device Harnesses. Power is delivered to the device by connecting the Device Harness power connector directly to the Power Harness appropriate to the user's bike and/or preferences.

Please note that "P" and "J" designators do not physically appear on the connectors; they are for reference only.

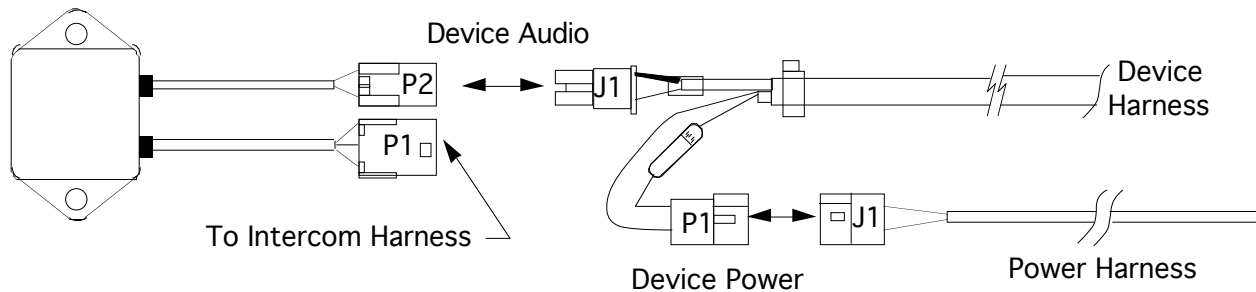


Figure 2. SingleSet Connection

Connecting Devices to a *DualSet*

The *DualSet* is an audio interface device. It is passive and requires no power source. Unlike the *SingleSet*, it contains connectors for power distribution to multiple Device Harnesses.

Figure 3, below, shows a typical configuration for a user who wants a common power source (switched or unswitched) to both devices. Only one Power Harness is used (selected to accommodate the user's bike and/or power preference). The power harness is connected directly to *DualSet*. *DualSet* splits that power to connectors J1 and J2. Both Device Harnesses connect directly to the DualSet.

Again, the "P" and "J" designators do not physically appear on the connectors.

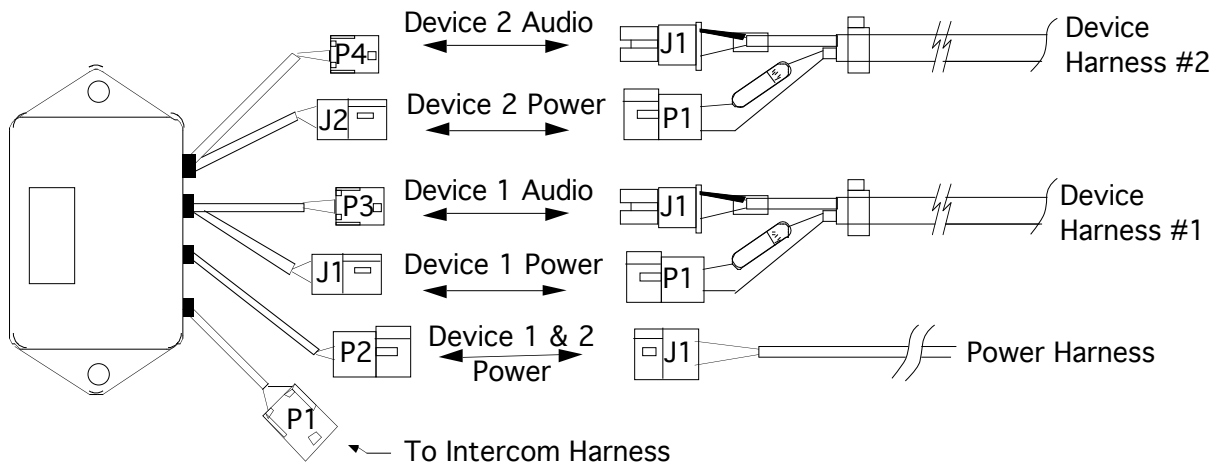


Figure 3. DualSet Connection - same power source

Figure 4, below, shows a typical configuration for a user who wants different power sources (one switched, one unswitched) for each device. Two Power Harness are used (selected to accommodate the user's bike). Each Power Harness is connected directly to the Device Harness.

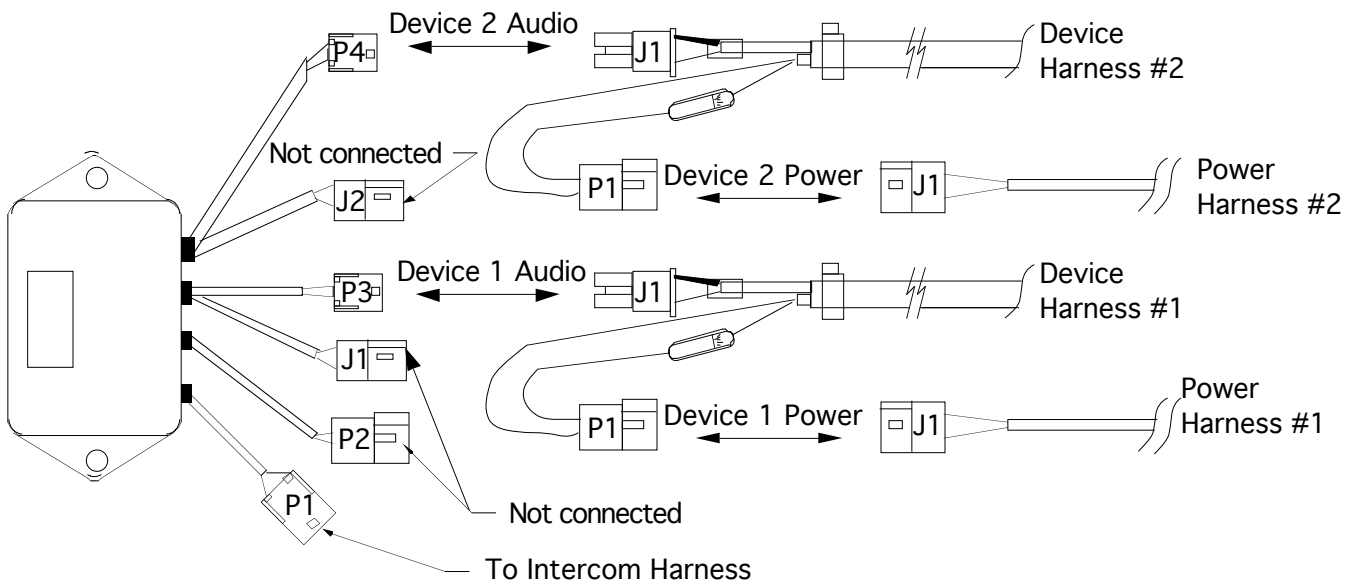


Figure 4. DualSet Connection - different power source

Revision History

Rev1: delete power harnesses 95200, 1, 2, 3, and 95244. Add harness # 95299. Delete Table 1. Replace text describing power harness