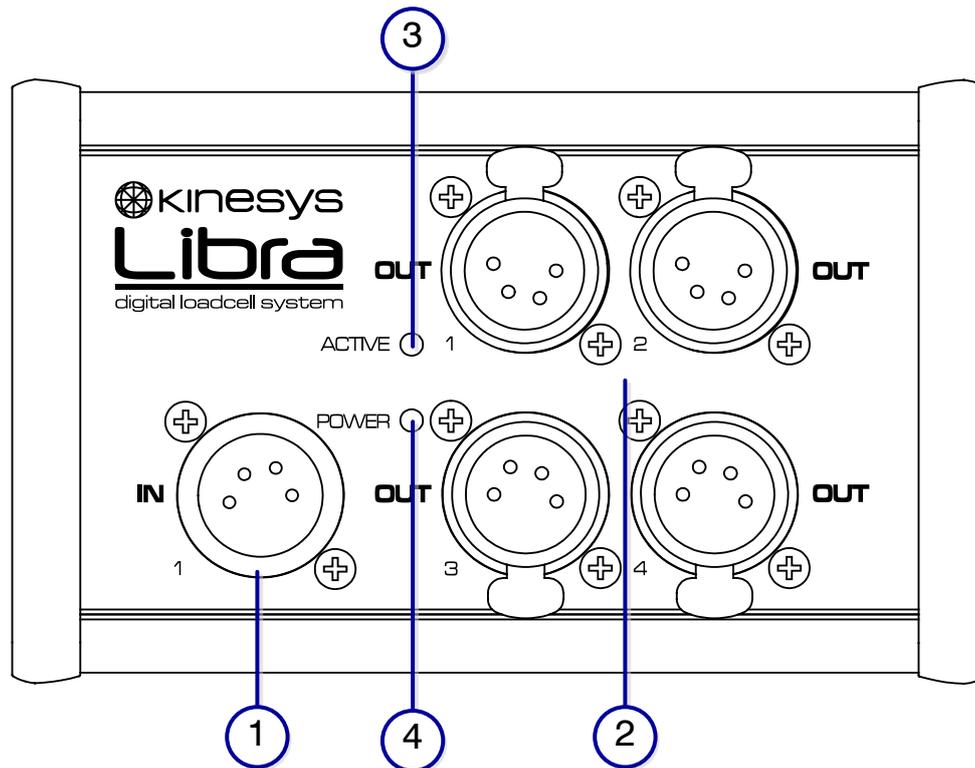


LibraSPLIT allows multiple chains of LibraCELLs to be connected to a single port on a Libra master device.

Overview



- | | |
|--|--|
| <ul style="list-style-type: none"> 1 DATA INPUT 2 DATA OUTPUTS 3 ACTIVITY LED (GREEN) 4 POWER LED (BLUE) | <p>Connect to Load Cell port on LibraPRO, LibraBASIC or DigiHoist</p> <p>Connect to LibraCells</p> <p>Slow flash: LibraSPLIT is active Fast flash: data is being received from connected LibraCELLs</p> <p>Illuminated when power is supplied to LibraSPLIT from a Libra master device</p> |
|--|--|

Connection

Connect LibraSPLIT to the load cell port on a Libra master device or DigiHoist controller. LibraSPLIT is powered from the data cable and no additional power supply is required. Connect LibraCELLs to the data outputs on LibraSPLIT, observing the limitations overleaf.

| DATA CONNECTOR PINOUT | | |
|-----------------------|----------|-----------------------|
| PIN | FUNCTION | COLOUR (PC-CCT CABLE) |
| 1 | 0V | WHITE (14AWG) |
| 2 | DATA- | GREEN (22AWG) |
| 3 | DATA+ | RED (22AWG) |
| 4 | 24V | BLACK (14AWG) |
| SHELL | SCREEN | SCREEN |

WARNING

The data cable pinout used by Libra systems may differ from other 4-pin XLR cabling used for encoders and lighting effects. Do not mix cables between systems, and take care when connecting not to cross-plug Libra devices with any other system

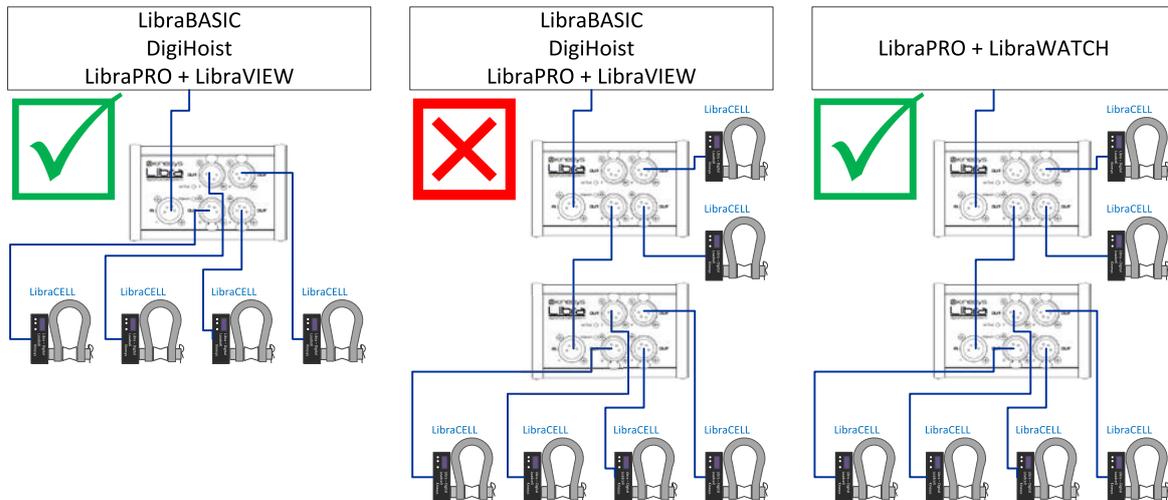
System Limitations

The total number of cells connected to LibraSPLIT is restricted by the limitations of the master port or master device. To check that the load is within the allowed limit, add up the total unit load of the connected devices – this total load must be less than or equal to the maximum load shown below.

| | | |
|---------------------------|------------|---------|
| Device Unit Loads: | LibraCELL | 1 unit |
| | LibraSPLIT | 2 units |
| | LibraWIFI | 6 units |

| | | |
|-----------------------------|------------|--|
| Maximum Load Limits: | LibraBASIC | 25 units |
| | LibraPRO I | 40 units per port 100 units total maximum |
| | DigiHoist | 16 units |

Only one LibraSPLIT may be used on a LibraBASIC or DigiHoist system, or on a LibraPRO system used with LibraVIEW. LibraSPLIT may be daisy-chained up to two levels deep on LibraPRO systems when used with LibraWATCH.



Support

For support contact Kinesys:

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