

## FI+Z System Diagrams

The following systems are comprised of the four channel motor driver MDR3 and one or more hand units.

### 1. Motor Driver receptacles and cables



The **Power cable** is used to supply 12-24VDC to the MDR2. Cables are available with XLR-3, XLR-4, Anton Bauer plugs, as well as plugs for powering directly from the camera.

The **Command cable** (p/n 4700) is used to connect to the hand unit HU3 where wireless connection is not possible.

**Camera Cables** control The run/stop or VTR functions. See the list of cables on the [FIZ price list](#).

The **serial port** is used for:

1. Programming the MDR with software updates.
2. Accepting data from Cooke i-Lenses.
3. Receiving data from Cine Tape or Panatape units.
4. Motor position output available for inclusion into metadata.
5. Accepts commands from motion control units.
6. Supports Light Ranger 2



The four **motor** ports connect to digital motors (4 maximum).



I. One motor system. The HU3 hand unit or the Focus/Iris hand unit can be used to control either focus or iris.



HU3  
p/n 4060-G4

OR



Focus/Iris unit  
p/n 4024-G4



MDR3  
p/n 4110

Motor Cable  
4410, 4411, or  
4412.



Digital Motor  
One of:

- DM1X 4205/a
- DM2 4201/a
- DM4X 4207

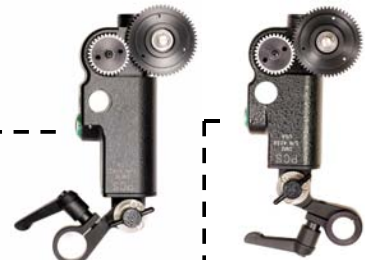
2A. Two motor system: both Focus and Iris are controlled.



HU3  
p/n 4060-G4



MDR2  
p/n 4110



2 x Digital Motors

Focus  
DM1X 4205/a or DM2 4201/a

Iris  
DM2 4201/a or DM4X 4207

2 x Motor Cables  
4410, 4411, or 4412.

2B. Two Motor system: both Focus and Zoom are controlled.



HU3  
p/n 4060-G4

Micro Force Digital zoom  
control2 p/n 1210

Bracket Micro Force to HU3  
p/n 4336

Cable: Digital Micro Force  
to HU3 p/n 4545



MDR3  
p/n 4110



2 x Digital Motors

Focus  
DM1X 4205/a or DM2 4201.a

Zoom  
DM2 4201/a or DM4X 4207

2 x Motor Cables  
4410, 4411, or 4412.

3. Three motor system: Focus, Iris, and Zoom are all controlled.



HU3  
p/n 4060-G4

Micro Force Digital zoom  
control2 p/n 1210

Bracket Micro Force to HU3  
p/n 4336

Cable: Digital Micro Force  
to HU3 p/n 4545



MDR3  
p/n 4110



3 x Digital Motors

Focus  
DM1X 4205/a or DM2 4201/a

Iris  
DM2 4201/a or DM4X 4207

Zoom  
DM2 4201/a or DM4X 4207

3 x Motor Cables  
4410, 4411, or 4412.  
zoom

4. The Radio Micro Force and Focus/Iris units can be added to the system allowing focus/ iris and zoom to be controlled by three different operators.



HU3 p/n 4060-G4

Focus/Iris unit  
p/n 4024-G4

Radio Micro Force (digital  
version) p/n 4015-G4

Micro Force Digital zoom  
control2 p/n 1210



MDR3  
p/n 4110



3 x Digital Motors

Focus  
DM1X 4205/a or DM2 4201/a

Iris  
DM2 4201/a or DM4X 4207

Zoom  
DM2 4201/a or DM4X 4207

3 x Motor Cables  
4410, 4411, or 4412.  
zoom