

# *JibWorks*

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## Koonce Film & Video, Inc.

### **JibWorks Film Kit (2 pages)**

The JibWorks Film Kit features wireless focus and iris controls, remote camera function indicator, frameline generator, witness camera, Microforce zoom extension cable and various splitter boxes, brackets and accessories. The wiring for most of this has been customized and built into the jib harness, saving a great deal of time in the rigging.

The following is a list of equipment and camera connector compatibility.

#### **Wireless Focus and Iris Controls.**

We use the BarTech Wireless transmitters and receivers with M-One lens drive motors. The system has 8 selectable channels and has hard wire back-up in case of frequency interference, again built into the harness.

**Remote Run** is available through the BarTech wireless focus transmitter.

Camera receptacle compatibility is as follows:

- Arriflex 435, 535, SR3 via R3 Fischer receptacle
- Arriflex BL1-4s, SR1,2 via 11 pin Fischer receptacle
- Arriflex 35-3 via 11 pin right angle Fischer receptacle
- Moviecam via R3 Fischer receptacle
- Panavision via 10 pin Lemo receptacle
- Aaton 16/35 via 2 pin Fischer receptacle
- Red One via 4 pin Lemo
- Sony & Panasonic HD cameras via 12 pin on camera body when using cine style lenses

#### **Remote Camera Function Indicator.**

We use the DUO by Xtended Camera Support. The DUO eliminates the guesswork associated with most remote camera operations. Interfacing with the appropriate camera receptacle, the DUO provides a visible footage counter, camera speed indicator and camera low battery warning all appearing on the operator's monitor at the base of the jib. The DUO also features a digital frameline generator. The DUO will fast become the AC's best friend! Again all the wiring for the DUO is built into our harness.

Camera receptacle compatibility is as follows:

- Arriflex 435, 535, 635, SR3 via the ACC 9 pin Fischer receptacle
- Arriflex BL1-4S, 35-3, SR1,2 via 11 pin Fischer receptacle
- Moviecam via 64 Panduit receptacle or 9 pin Fischer receptacle (Arri modified)
- Panavision via 10 pin Lemo receptacle
- Aaton XTR, 35II, 35III via 8 pin Lemo receptacle

#### **Splitter Boxes.**

We carry an 11 pin Fischer (Arri 12 volt) 3-1 splitter box and a Panavision 10 pin Lemo 2-1 splitter box.

#### **Microforce Zoom Extension Cable 12/24 volt (analog & digital)**

We carry 2 50 foot Preston Cinema Microforce extension cables (10 pin Lemo) used on the most common Microforce analog zoom control as well as 2 50 foot extensions (14 pin Lemo) for Preston's newer digital zoom control.

#### **Special Note on Camera Power.**

**We do not supply batteries for film cameras.** Because of the possibility of line loss due to the long power cable runs down the jib arm we **STRONGLY RECOMMEND** a battery belt strapped to the jib arm near the camera. **WE WILL NOT HANG A BATTERY BOX OUT ON THE END OF THE JIB ARM!** We do carry some long heavy gauge power cables but as mentioned, we don't recommend powering the camera in this fashion. **MAKE SURE TO CONTACT US REGARDING CABLE PIN COMPATIBILITY!**

**Camera Weight Limitations.**

Weight is always a concern on jib arms. We recommend using 400/500 foot magazines, prime lens and lightweight matte boxes. When necessary, we have flown 1000 foot mags, big zooms, heavy matte boxes and teleprompters.

**Redundancy.**

We have a back-up wired focus system if in the unlikely event the BarTech system fails.

We have multiple camera run options for all the above cameras.

As mentioned earlier, we carry 2 sets of Microforce zoom extension cables just in case one gets damaged. This is the only cable not built into our harness.

***Please note what we don't carry!***

We don't have battery power for your camera

We don't have zoom motors, cables or zoom controls. All we carry are Preston Cinema Microforce zoom extension cables, analog and digital.

We don't have any zoom extension cables for Panavision Cameras at this time.

We don't carry any kind of mounting plate for the camera. We recommend using a sliding bridge plate for ease of balancing. We do recommend that you have a second plate available to expedite the transfer of the camera from the jib to a second mount (dolly, sticks, etc.).

**A final note:**

We have worked in the film industry for some time now and have built close relationships with DP's and AC's. We have tried to provide accessories to make the camera operation on the jib as easy and stress less as possible. However, cameras change and are modified regularly and while we have made every attempt to meet the compatibility of the common cameras in the industry, we know that some of our cables may not interface with some cameras. We are sorry if this happens on your production, and we will make every attempt to correct it for the next time.

Thank you,

Mark Koonce  
JibWorks