

Nikon's 10 pin layout, and the MC-25 adapter

I would like to thank Eric George for his help with the research.

Not to long ago I ran into a problem with my MC-25 cable and Pocket Wizard motor drive cable. They both broke and I needed to splice the two together. I called Nikon 4 million times and every camera repair shop from New York to Bora Bora. No dice. Apparently the cable is not considered a "part" and they wouldn't give me any info on it. So I went online...

This page is for anyones general knowledge, in case you want to splice your MC-25 or make a release cable.

On the camera:

We only know what 6 of the contacts are for so far. So here's what they are.

Pin 1: Shutter

Pin 3: +5v

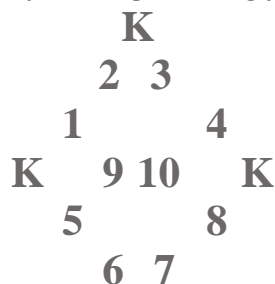
Pin 4: Receive

Pin 5: Send

Pin 6: Ground

Pin 7: Ground

Diagram of the pin layout. The "K"s are the keys. Line up accordingly.



The MC-25 cable, and what those colored wires mean.

With the cable screwed into the camera, and cut open to see the wires... Here are the colors as they correspond to the above number diagram.

- 1: Red
- 2: Brown
- 3: Gray
- 4: Purple
- 5: Orange
- 6: Yellow
- 7: Green
- 8: Blue

- 9: White
- 10: Black

Now that we have all of that out of the way, here's what you need to do if you plan to splice a radio slave cable into the MC-25. (Recommended if you can afford it, as the strength of a splice is a lot stronger than that wimpy little screw into plastic.)

- 1: Cut off every cord except for the red, purple and yellow ones.
- 2: splice the red and purple cables to one of the two in the slave cord.
- 3: Splice the yellow cable to the other remaining cable of the slave cord.
- 4: Make sure you protect the splices with a little electrical tape, as well as making sure the other 7 wires are covered.
- 5: Lastly wrap everything up in electrical tape. I suggest making the cable into an "S" shape with the splice in the center, and then tape everything up. That way you help add strength.

Make sense? Good, I hope everything works out correctly. Happy shootin'. Questions can be sent my way.

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