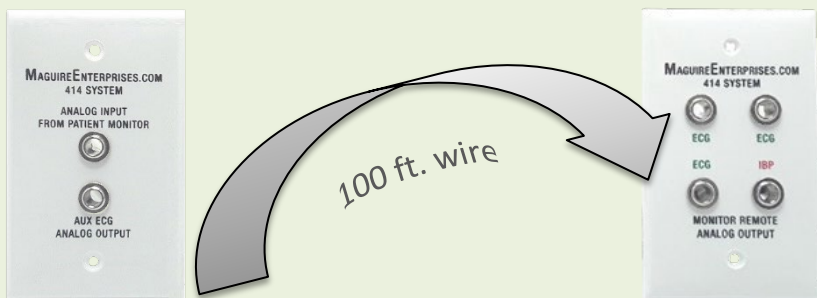# OR Boom Cabling System

Route ECG and IBP analog signals conveniently through operating room booms arms.

Part#
ME590414

Maguire's unique design allows the analog output of the anesthesia monitor to connect directly to an *input wall plate* installed at the nearest boom arm. Cable inside the first boom arm runs through and down to other arms, where a *remote output wall plate* is mounted. This configuration in the CVOR and Hybrid OR is simple, straightforward, and effective at advancing ECG waveform and IBP signal onto several peripheral monitors, such as the defibrillator, balloon pump, ultrasound, pacer programmer, and CCO monitor. Best of all, this reduces patient cable and slave cable clutter across the floor and surgical field. *Coordinating interconnect cables sold separately.*

ME590414 This kit is prewired at the output end. Pin-out and color-coded schematic to wire the remote end is included. Standard wire length 100 feet. *Optional lengths are available.*
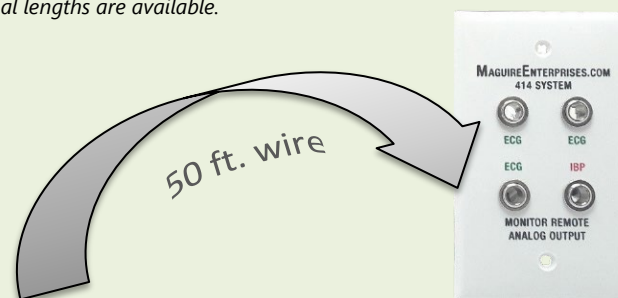
100 ft. wire

The input wall plate along with *coordinating interconnect cable(s) allow ECG and IBP input from anesthesia monitor. A convenient AUX ECG output is also available on the wall plate to slave ECG down to a nearby device.

The remote output wall plate along with *coordinating interconnect cable(s) allows (3) ECG and (1) IBP outputs via ¼" 2 ckt phone jacks.
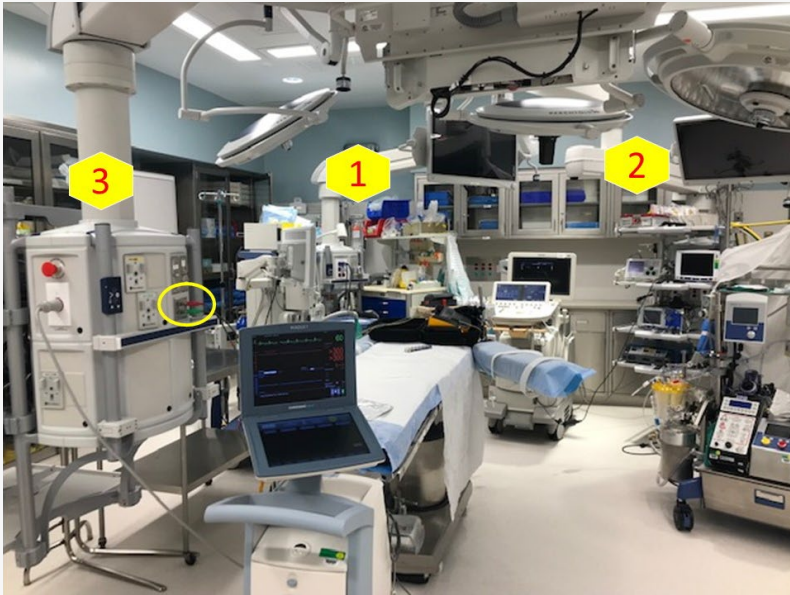
ME590414K: This kit allows for additional boom arm drops. Plates are prewired at the output end. Wiring pin-out and color-coded schematic for the input end is included. Standard wire length 50 feet. *Optional lengths are available.*
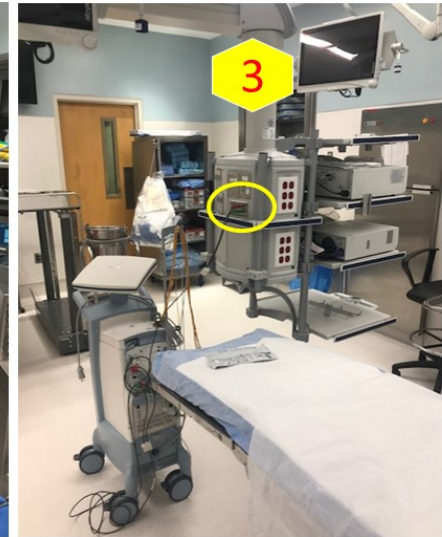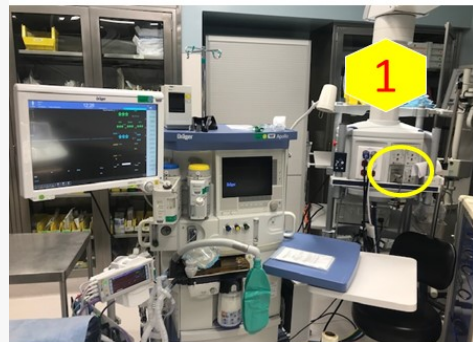
50 ft. wire

The remote output wall plate KIT allows supplemental boom arm drops, (3) ECG and (1) IBP via ¼" 2 ckt phone jacks. *Coordinating cables below sold separately.*

*Interconnect cables from the monitor that feed the input plate shown left:

#ME590410F	GE Healthcare monitor, models with 7 pin Mini DIN analog output (X7)
#ME590410P	GE Healthcare PDM module
#ME590410L	GE Healthcare 6 pin LEMO
#ME590410	GE Healthcare S/5, 4 pin LEMO
#ME590410E	Philips Healthcare monitor, 1/4" **ECG**, 1/8" **IBP** bifurcated
#ME590410H	Siemens SC7000/9000XL or Draeger Delta/Delta XL monitor, 14 pin MDR *NOT the Axiom Sensis*
#ME590410S	Spacelabs monitor, TT253 **ECG** and TT253 **IBP** bifurcated.

*Interconnect cables that advance signals from output plate(s) to these:

#ME590265P	Intra-Aortic Balloon Pump (**ECG** and **IBP**), most models
#ME5900132	GE Healthcare monitors and Vivid 5, 7, E9, E95 ultrasounds
#ME590184F	GE Healthcare S5, S6, S60, S70 ultrasound
#ME590132F	GE Healthcare Vivid i, q ultrasound
#ME590010X	Philips Healthcare monitor 12 pin patient input
#ME590006K	Stryker Physio Control LIFEPAK 12, 15, 20, 20e defibrillators
#ME590338J	Ultrasounds (Philips or Acuson), *auxiliary ECG input*
#ME590335	Zoll Medical defibrillator (6 pin AAMI)

The 414 OR Boom Cabling System utilizes the surgical equipment booms to achieve a physiologic monitoring arrangement capable of integrating the defibrillator, balloon pump, CCO monitor, ultrasound, and pacer programmer.

ME590414
Boom Cabling
System

MAGUIREENTERPRISES.COM
414 SYSTEM

ANALOG INPUT
FROM PATIENT MONITOR

AUX ECG
ANALOG OUTPUT

MAGUIREENTERPRISES.COM
414 SYSTEM

ECG   ECG

ECG   IBP

MONITOR REMOTE
ANALOG OUTPUT

1) Anesthesia Boom
2) Remote Boom with Defib and U/S
3) Remote Boom with Balloon Pump

CVOR at Unity Pointe Health Methodist.   East Peoria, IL   June 2019