




Date: 6/3/04
To: All Niles Dealers and Representatives
From: The Technical Support Department
Subject: Niles IR Sensor Wiring

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Niles has recently begun shipping the new plasma-proof Infrared Extender Systems. These new systems employ a four-conductor wiring scheme instead of the three-conductor scheme used on previous Niles systems. Sensor models MS100, MS200 and CS100 are terminated with wire using the color code illustrated in the table below.

Color	Function	
Red	12 VDC	
Black	Ground	
Yellow	IR Data	
White	Status	

Observing this wiring code is critical to proper operation of the system. If the yellow and white conductors are accidentally reversed on the Main System Unit, the status feedback LED will continue to operate and give the illusion that the system is operating properly. However, IR data will not be transmitted and the system will not pass infrared codes to components.

Should you have any questions, please feel free to contact Niles Technical Support at 1-(800) 289-4434 between the hours of 8am and 7pm Eastern Time, Monday through Friday.