

Product Similarity Declaration

To Whom It May Concern,

We, **JDTECK INC**, hereby declare that our **JDTECK Industrial Repeater**, Model Number: **JDIR-37-87-819** is electrically identical with the Model **JDIR-40-90-819** that was certified by **Bay Area Compliance Laboratories Corporation**. They are named differently due to different output power levels and gains achieved by adjusting the potentiometers inside. However they have the same design, PCB board and work diagrams.

The **JDIR-40-90-819** repeater has a factory preset maximum output power of UL 19dBm/ DL 43dBm and maximum gain of UL 85dB/ DL 90dB. However, some users maybe want to use lower power due to different coverage requirements. The 37dBm power is used in some smaller applications. When the output power is preset at UL 19dBm / DL 43dBm and maximum gain of UL 85dB/ DL 90dB, then the model should be **JDIR-40-90-819**; When the output power is preset at UL 17dBm / DL 37dBm and maximum gain of UL 85dB/ DL 87dB, then the model should be **JDIR-37-87-819**.

We have summarized the differences in below table for your better understanding:

Item	Model Number	Max. Power UL/DL	Max. Gain UL/DL
1	JDIR-37-87-819	17dBm/37dBm	85dB/87dB
2	JDIR-40-90-819	19dBm/43dBm	85dB/90dB

Please contact me if there is any question.

Sincerely Yours,


Dennison Jurawan

Technical Sales Manager