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Client: Hunter Engineering Company
Model: 146-59-1
Standards: FCC 15.247/IC RSS-210
ID's: LS3-146591/2938A-146591
Report #: 2015070

Appendix F: Technical Operational Description

Please refer to the following page.

Hunter Model 146-59-1 Remote Control

Technical Operational Description

The Hunter Model 146-59-1 is an RF based remote control used to remotely control Hunter automotive wheel alignment consoles. In common use an automotive wheel alignment system requires the operator to be away from the main console.

Remote controls are commonly infrared based and simply mimic key presses as though the user is actually at the main console. In somewhat the same way when a key is pressed on Hunter model 146-59-1 the key press is momentarily stored and then transmitted to the alignment console when requested by the console.

The Hunter alignment console acts as a Master device in a proprietary PAN that is polling a series of RF Devices one of which is the remote control. The radios are IEEE 802.15 based and can be set to 16 different channels.