

## **Instructions to Integrators for use of the FOXPRO** **505MOD20DB Modular Transmitter**

The 505MOD20DB modular transmitter has received regulatory approvals in accordance with FCC CFR47 Part 15 Subpart C 15.247 and with Part 15.212 Modular Transmitter Approval for modular devices in the United States, and Industry Canada under RSS-210 and RSS-Gen. in Canada. This approval allows for the incorporation of the module inside finished products without the need for regulatory testing for an intentional radiator (RF transmitter) provided no changes are made to the module circuitry. Changes or modifications to the module could void your authority to market products containing the module. Integrators must comply with these instructions so as to ensure compliance with FCC and Industry Canada regulations.

The only antenna authorized for use with the 505MOD20DB modular transmitter is a single element  $\frac{1}{4}$  wave monopole made of wire with a length of 3.1 inches, plus or minus 0.1 inches.

The products that contain the module must be labeled in accordance with Part 15.19 on the outside of the product so as to be easily seen by the consumer. The label must be permanent and include the following information and statements:

“Contains FCC ID: C6M622 IC: 8027A-514

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device must not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.”

Also, the user manual for any product containing the module must include the following statement:

“This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment OFF and ON, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.

- Connect the equipment into a different outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.”

Additionally, the following RF Exposure Caution must be included in the user manual:

“RF Exposure Caution: To satisfy FCC RF exposure requirements for mobile and base station transmission devices, a separation distance of 20 cm or more should be maintained between the antenna of this device and persons during operation. To ensure compliance, operation at closer than this distance is not recommended.

The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.”

The integrator must not deviate from the FOXPRO Inc supplied software settings for operation of the modular transmitter so as to ensure compliance with the FCC and Industry Canada certification. Any change made to these parameters that are not authorized by FOXPRO Inc may void your authority to market products containing the modular transmitter.

Contact FOXPRO Inc with questions:

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