

775345 ALBCS User Manual

REV 062923

FCC STATEMENT:

WARNING: The Federal Communications Commission warns that changes or modifications of the radio module within this device not expressly approved by LSI Industries Inc. could void the user's authority to operate the equipment.

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

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

RF EXPOSURE CONSIDERATIONS:

To comply with FCC's RF radiation exposure requirements, the antenna(s) used for this transmitter must be installed such that a minimum separation distance of 20 cm is maintained between the radiating element (antenna) & any user's or bystander at all times and must not be co-located or operating in conjunction with any other antenna or transmitter.

Approved antennas list:

Manufacturer	Antenna	Description	Type	Peak Gain (dBi)	Min Cable Loss (dB)	Γ	Connector Type	Notes
IFEX	8-22-0160	Monopole	Monopole	-2.5	0	50	NHF I	1
Pulse	W1030	1/4 Wave Dipole – Whip	Dipole	2	0	50	RPSMA	2
Taoglas	FXP73-07-0100A	1/4 Wave Dipole – Flex	Dipole	2.5	0	50	NHF I	2
Pulse	W1027	1/4 Wave Dipole – Whip	Dipole	3.2	0	50	RPSMA	2
Kinsun	6670113050-143	1/4 Wave Dipole – PCB	Dipole	2.0	0	50	NHF I	3

Notes:

1 Antenna was tested for compliance.

2 Copied from pre-approved Antenna List FCCID: XFY8MD341



Assemble PCB assembly into housing as shown.



Apply label onto housing as shown.

