the unit and the possibility for injury if the unit should become detached from its mounting surfaces for any reason.

Although signal boosters can operate for years without being attended to, the unit will need to be accessed by service personnel with troubleshooting equipment, such as digital multimeters and spectrum analyzer or a laptop computer from time to time. The location of the power source will also have a bearing on the mounting location. SB II uses external heat sinks and needs to be mounted where there can be an unobstructed air flow over the heat sinks fins. The SB II cabinet will stay warm during normal operation so in the interest of equipment longevity, avoid locations that carry hot exhaust air or are continually hot.

Mounting

Figure 1 shows mounting hole dimensions and layout for the cabinet. Mount the cabinet using 3/8" (10 mm) diameter steel bolts (not supplied). We recommend flat washers on both ends and a lock washer under the nut. Nut and bolt mounting is preferred to the use of lag bolts. Use backer blocks where necessary to spread the force over a larger surface area. In areas of known seismic activity, additional devices such as tether lines may be necessary.

Because TX RX Systems, Inc. cannot anticipate all the possible mounting locations and structure types where these devices will be located, we recommend consulting local building inspectors, engineering consultants or architects for advice on how to properly mount objects of this type, size and weight in your particular situation.

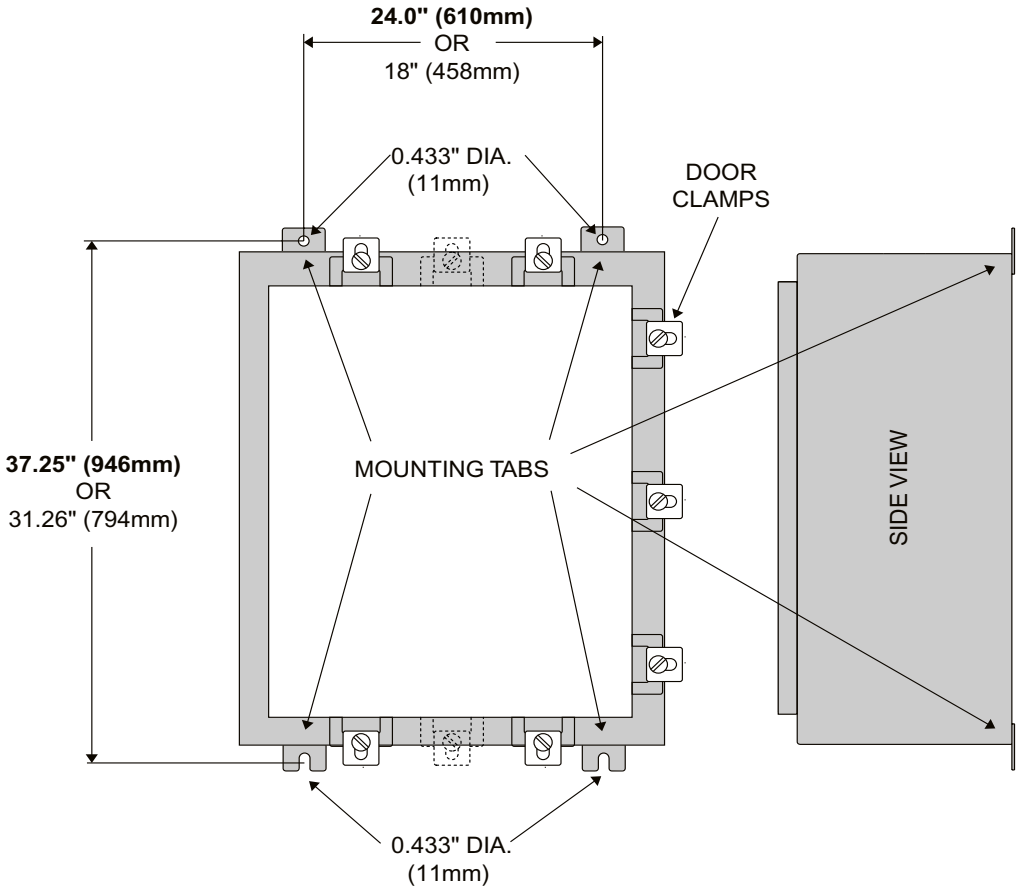

Figure 1: SB II cabinet mounting hole layout.

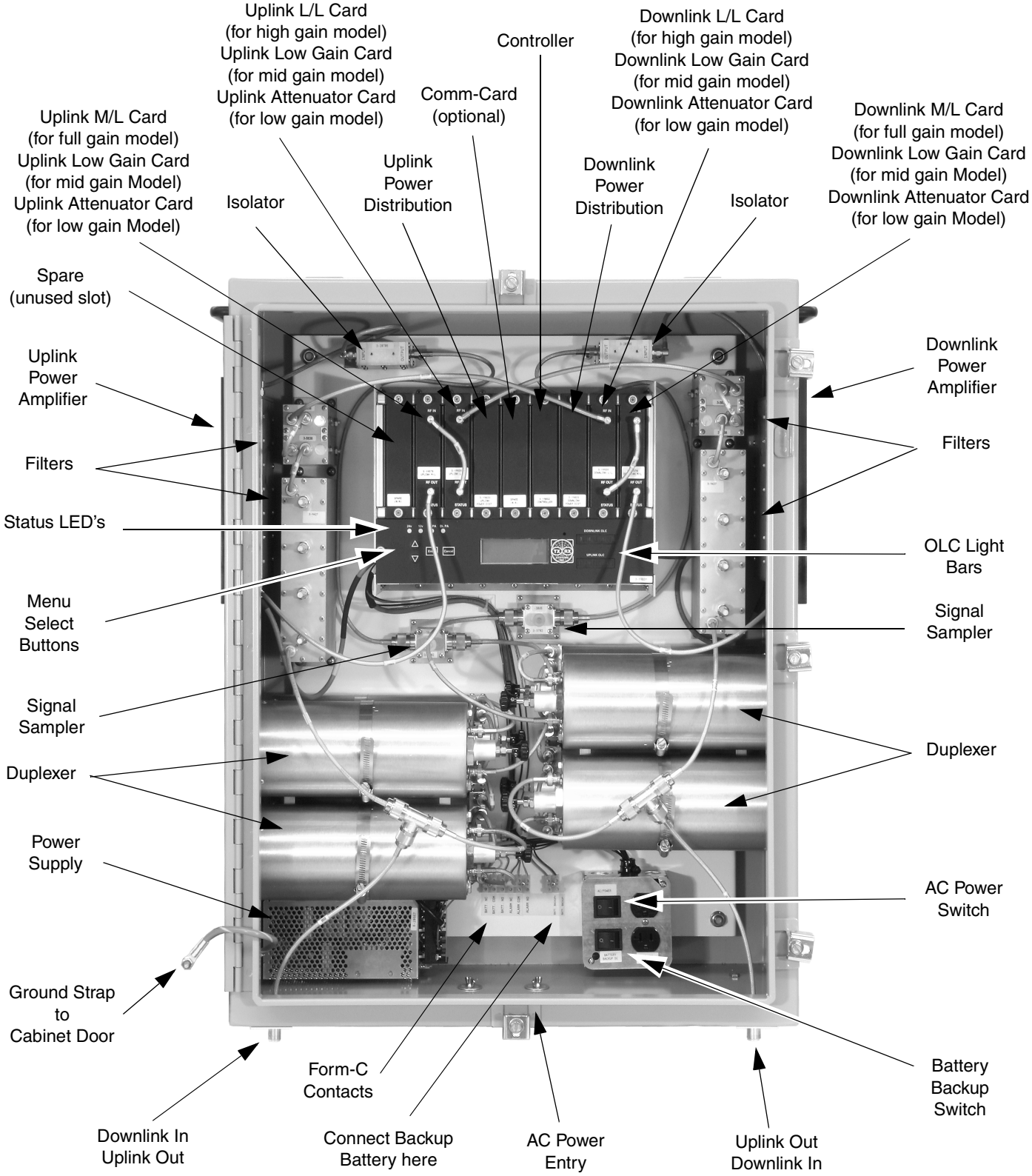

Figure 2: Front view of SB II. Part number 61-68-50 two-way signal booster shown as an example.