

INSTRUCTION SHEET FOR DTC-610 TRANSIT CASE

The RDF Products Model DTC-610 is a ruggedized weatherproof transit and storage case expressly intended for RDF Products mobile DF systems. In its standard configuration, the unit is supplied with polyester foam inserts with custom cut-outs for RDF Products mobile DF equipment and accessories. (See the DTC-610 Product Data Sheet for more detailed information regarding its features.)

The DTC-610 comprises the following five elements:

1. Case with hinged lid.
2. Upper foam cushion (with "egg-carton" protrusions).
3. Lower foam cushion.
4. Upper foam insert (identified by TOP marking).
5. Lower foam insert (identified by BOT marking).

The upper and lower foam inserts have custom cut-outs to specifically accommodate the DF processor, host receiver, and miscellaneous DF equipment accessories. Note that these two foam inserts typically have different cut-out patterns and are therefore not interchangeable. In addition to the TOP and BOT markings discussed above, arrow markings have also been included to indicate the direction of the front edge.



DTC-610 Transit Case

The large left rear cut-out is for the selected host receiver (typically an ICOM R8500 or AOR AR5000). The large right rear cut-out is for the DF processor (typically a DFP-1000A or DFP-1010). An additional lower cut-out is for the host receiver AC adaptor.

The long narrow upper cut-out running parallel to the front edge accommodates the mobile DF antenna aerials (up to 16" in length) in addition to the antenna mounting hooks and straps. Aerials longer than 16" should be placed between the hinged lid and the upper foam cushion.

The upper cut-out immediately in front of the DF processor cut-out is available for miscellaneous accessories including the bearing display sun-shade, cables, adaptors, spare fuses, etc. Since the height of the DF processor is not sufficient to make contact with the upper foam cushion, we suggest that one or two of the system cables be placed atop the processor to provide a snug fit to prevent movement in the event of rough handling. Spare foam is included for this purpose as well. This same consideration also applies where the host receiver height is insufficient to provide a snug fit.

The mobile DF antenna should be placed directly atop the receiver cut-out, with its rubber pad facing downward. The DF processor operator's manual should be placed to the immediate left of the DF antenna (directly atop the DF processor cut-out). All RDF Products mobile DF antennas having baseplate dimensions of 15"x15" or less will fit.

Once all DF system components and accessories have been correctly packed, fold down the hinged lid and secure it using the four snap-down latches (one on each side and two in the front).

The air pressure relief valve (located near the carrying handle) should be hand-tightened fully clockwise its closed position to keep the case air- and water-tight when closed. In the event of an altitude change, however, it may not be possible to open the lid due to unequal pressurization. If this occurs, slowly rotate the pressure relief valve 1-turn counter-clockwise and then wait 10 seconds to allow the air pressure inside the case to equalize with local atmospheric pressure. Once done, the lid will open normally. The valve should then be re-closed.

Uncut replacement foam inserts can be obtained directly from the manufacturer. Since these foam inserts employ a modular "pick & pluck" design, custom excavations can easily be made without the need for any cutting tools. (RDF Products will supply foam cut-out drawings for the more common configurations upon request.) Manufacturer's literature explaining this process has been placed inside the case for the user's convenience of reference.

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