



Mobile Radio Transmitting Solution

This solution is considered for public announcing the last news, information, and ... to a zone residents where infrastructures of radio/television communication are destroyed due to flood, earthquake, storm, and war. In addition, in order to perform psychological operation for residents of the zones at common border with belligerent countries in war, the solution operated. After establishing this tactical solution at desired locations, it functions as a radio station using powerful transmitters to cover the news by performing psychological operation for the zone residents. Desired solution can transmit radio signals through an operational radius up to 40Km² as well as voice propagation through maximum 200m using a mixer system and powerful loudspeakers. Whereas radio signals should be received by general public, frequency range of the radio transmitters installed inside the solution is considered the non-military FM band. In order to establish reliable/secure communication with the command center, this solution is equipped with radio equipment in different HF and VHF communication layers.



Capabilities

- ✓ Establishing the FM radio transmitter in zone with maximum 40Km²
- ✓ Capability of controlling the solution remotely through up to 100m radius
- ✓ Equipped with radio equipment in HF and VHF communication layers
- ✓ Transmitter operation using wireless microphone in a long communication distance
- ✓ Equipped with pneumatic mast for installing the antenna
- ✓ Equipped with emergency supply system when the Mains power is not available

Dimension of the solution

Indoor dimension.....length: 2290mm, width: 1480mm, height: 1400mm
 Vehicle type.....TOYOTA