

TELEWAVE System Engineering Request

Company Name:		Request Date:	
Company Website:		Referred to us by:	
Contact Name:		Quote Require Date:	
Contact Phone:		Expect Order Date:	
Contact Email:			
End User / Project:			

Describe or draw the Requested System on page two (attach supporting drawings or docs if needed)

	Check if Yes	
System to be Expanded?	Y []	<i>Indicate known expansion frequencies in the freq. table below</i>
Trunked System?	Y []	Trunk System Type: _____
Digital Modulation?	Y []	Modulation Type: _____
Radio Type Transceiver?	Y []	Transceiver is TX + RX on one port
TX PWR Monitor Needed?	Y []	<i>Describe requirements on page two</i>
TX Power Alarm Needed?	Y []	<i>Describe requirements on page two</i>
RX Preamplifier Needed?	Y []	Power (12/24/48vdc - 115/220vac): _____
		Desired Pre-Amp type / gain / NF: _____
Antenna/s Needed?	Y []	<i>Describe requirements on page two</i>
Antenna Duplexed?	Y []	Duplex is TX + RX on one antenna
Rack/s – Cabinet needed?	Y []	Open/Enclosed: _____ Height Inch: _____

Rack space required for some horizontally mounted VHF/UHF cavities is 30" to the back, 6" to the front. Cavities for frequencies below 108 MHz must be mounted vertically inside a rack or mounted externally.

Default Rack width for horizontal mount 10 inch cavities is now 19 inches. The 24 inch rack is obsolete.

System Frequencies (indicate frequencies that are alternates, optional or are for possible expansion)					
#	Use / Name/ Description / Etc.	Duty Cycle %	TX (Watts)	TX Freq.(MHz)	RX Freq.(MHz)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					

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Describe or draw any additional information that would help us to design your project, such as:

- Any existing/needed antenna configuration (type, pattern, gain, physical separation Horz/Vert)
- Any local high power TV/FM broadcast, Paging, NOAA weather, etc. transmitters (Freq & Power)
- For Simplex Channels, please indicate if radio has single or dual TX/RX ports