



Trapeze Regulatory Information



Note. *Trapeze Regulatory Information* is updated frequently. See www.trapezenetworks.com for the most current version.

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The Trapeze Networks Mobility Exchange™ (MX™) switch and Mobility Point™ (MP™) access point must be installed and used in accordance with the documentation provided with these products. In addition to this document, see the following manuals for important safety information:

- *[Trapeze Mobility Exchange Installation and Basic Configuration Guide](#)*
- *[Trapeze Mobility Point Installation Guide](#)*



Warning! Installation must be performed by qualified service personnel only. Read and follow all warning notices and instructions marked on the product or included in the documentation. Before installing the product, read the rest of this document.

Hardware Safety Symbols

Trapeze Networks Mobility System™ products are labeled with one or more of the following safety symbols:



Warning! High voltage.



Attention! Refer to the manual.



Warning! Class 1 Laser.



Protective ground (earth) terminal.



Frame or chassis terminal.



Direct current (DC).



Alternating current (AC).



Complies with Underwriters Laboratories regulations in United States and Canada.



Complies with European Union (CE) regulations.



Contains a radio transmitter that complies with the Radio and Telecommunications Technical Equipment (R&TTE) Directive 1995/5/EC to an unharmonized frequency spectrum.

Safety and Advisory Notice Conventions

The following safety and advisory notices can appear in Trapeze Networks product documentation:



Warning! This situation or condition can cause injury.



Warning! High voltage. This situation or condition can cause injury due to electric shock.



Warning! Radiation. This situation or condition can cause injury due to improper handling of fiber-optic equipment.



Caution! This situation or condition can lead to data loss or damage to the product or other property.



Note. This information is of special interest.

Radio Channels and Maximum Transmit Power

The Mobility Point (MP) access point is designed to meet the Institute for Electrical and Electronics Engineers (IEEE) 802.11 standard for wireless LANs. Table 1 lists the regulatory power limits for each country, frequency, and channel range.

Table 1 also indicates whether each country allows use of an MP or external antenna outdoors. For the countries that allow outdoor use, you can install the MP in a Trapeze Networks outdoor MP enclosure with or without an external antenna. Alternatively, you can install an MP indoors and install the external antenna outdoors. (Trapeze external antennas are supported only with model MP-262, for the 802.11b/g radio.)

Once you designate a country of operation for the MP access points in your network, by selecting a country code with the RingMaster™ tool suite, Web View application, or the command-line interface (CLI) on the MX switch, the software limits your selection of radio frequency band, operating channels, and transmit power to those permissible in that country, for the combination of radio type, channel, and antenna type you want to use. (In some cases, the maximum power setting allowed by the hardware is lower than the regulatory limit. See “Trapeze Hardware Power Limits” on page 8.)

Regulatory Power Limits

The maximum transmit power listed in Table 1 on page 4 is the Effective Isotropic Radiated Power (EIRP) and is calculated as follows:

Transmit Power – Cable Attenuation + Antenna



Table 1. Permissible Radio Frequencies, Channels, and Maximum Transmit Power

Country	Frequency Range (MHz)	Channels	Maximum Transmit Power (EIRP)	Outdoor Use Allowed
Australia	5150 to 5250	36, 40, 44, 48	50 mW (17 dBm)	N
	5250 to 5350	52, 56, 60, 64	50 mW (17 dBm)	N
	5725 to 5825	149, 153, 157, 161	250 mW (24 dBm)	Y
	2400 to 2483.5	1 to 11	1000 mW (30 dBm)	Y
Austria	5150 to 5250	36, 40, 44, 48	200 mW (23 dBm)	N
	2400 to 2483.5	1 to 13	100 mW (20 dBm)	Y
Belgium	5150 to 5250	36, 40, 44, 48	200 mW (23 dBm)	N
	5250 to 5350	52, 56, 60, 64	200 mW (23 dBm)	N
	5470 to 5725	100, 104, 108, 112, ...140	1000 mW (30 dBm)	Y
	2400 to 2483.5	1 to 13	100 mW (20 dBm)	Y
Brazil	2400 to 2483.5	1 to 11	100 mW (20 dBm)	Y
Canada	5150 to 5250	36, 40, 44, 48	50 mW (17 dBm)	N
	5250 to 5350	52, 56, 60, 64	200 mW (23 dBm)	Y
	5725 to 5825	149, 153, 157, 161	1000 mW (30 dBm)	Y
	2400 to 2483.5	1 to 11	1000 mW (30 dBm)	Y
China	5725 to 5825	149, 153, 157, 161	500 mW (27 dBm)	N
	2400 to 2483.5	1 to 13	100 mW (20 dBm)	Y
Czech Republic	5150 to 5250	36, 40, 44, 48	50 mW (17 dBm)	N
	5250 to 5350	52, 56, 60, 64	50 mW (17 dBm)	N
	2400 to 2483.5	1 to 13	100 mW (20 dBm)	Y
Denmark	5150 to 5250	36, 40, 44, 48	200 mW (23 dBm)	N
	5250 to 5350	52, 56, 60, 64	200 mW (23 dBm)	N
	5470 to 5725	100, 104, 108, 112, ...140	1000 mW (30 dBm)	Y
	2400 to 2483.5	1 to 13	100 mW (20 dBm)	Y
Finland	5150 to 5250	36, 40, 44, 48	200 mW (23 dBm)	N
	5250 to 5350	52, 56, 60, 64	200 mW (23 dBm)	N
	5470 to 5725	100, 104, 108, 112, ...140	1000 mW (30 dBm)	Y
	2400 to 2483.5	1 to 13	100 mW (20 dBm)	Y



Table 1. Permissible Radio Frequencies, Channels, and Maximum Transmit Power (continued)

Country	Frequency Range (MHz)	Channels	Maximum Transmit Power (EIRP)	Outdoor Use Allowed
France	5150 to 5250	36, 40, 44, 48	200 mW (23 dBm)	N
	5250 to 5350	52, 56, 60, 64	200 mW (23 dBm)	N
	2400 to 2483.5	1 to 13	100 mW (20 dBm)	Y
Germany	5150 to 5250	36, 40, 44, 48	200 mW (23 dBm)	N
	5250 to 5350	52, 56, 60, 64	200 mW (23 dBm)	N
	5470 to 5725	100, 104, 108, 112, ...140	1000 mW (30 dBm)	Y
	2400 to 2483.5	1 to 13	100 mW (20 dBm)	Y
Great Britain	5150 to 5250	36, 40, 44, 48	200 mW (23 dBm)	N
	5250 to 5350	52, 56, 60, 64	200 mW (23 dBm)	N
	5470 to 5725	100, 104, 108, 112, ...140	1000 mW (30 dBm)	Y
	2400 to 2483.5	1 to 13	100 mW (20 dBm)	Y
Greece	2400 to 2483.5	1 to 13	100 mW (20 dBm)	N
Hong Kong	5150 to 5250	36, 40, 44, 48	200 mW (23 dBm)	N
	5250 to 5350	52, 56, 60, 64	200 mW (23 dBm)	N
	5470 to 5725	100, 104, 108, 112, ...140	1000 mW (30 dBm)	Y
	2400 to 2483.5	1 to 13	100 mW (20 dBm)	Y
Hungary	5150 to 5250	36, 40, 44, 48	200 mW (23 dBm)	N
	5250 to 5350	52, 56, 60, 64	200 mW (23 dBm)	N
	2400 to 2483.5	1 to 13	100 mW (20 dBm)	N
Iceland	5150 to 5250	36, 40, 44, 48	200 mW (23 dBm)	N
	5250 to 5350	52, 56, 60, 64	200 mW (23 dBm)	N
	5470 to 5725	100, 104, 108, 112, ...140	1000 mW (30 dBm)	Y
	2400 to 2483.5	1 to 13	100 mW (20 dBm)	Y
India	2400 to 2483.5	1 to 11	1000 mW (30 dBm)	Y
Ireland	5150 to 5250	36, 40, 44, 48	200 mW (23 dBm)	N
	5250 to 5350	52, 56, 60, 64	200 mW (23 dBm)	N
	5470 to 5725	100, 104, 108, 112, ...140	1000 mW (30 dBm)	Y
	2400 to 2483.5	1 to 13	100 mW (20 dBm)	Y
Israel	2418 to 2457	4 to 8	25 mW (14 dBm)	N

Table 1. Permissible Radio Frequencies, Channels, and Maximum Transmit Power (continued)

Country	Frequency Range (MHz)	Channels	Maximum Transmit Power (EIRP)	Outdoor Use Allowed
Italy	5150 to 5250	36, 40, 44, 48	200 mW (23 dBm)	N
	5250 to 5350	52, 56, 60, 64	200 mW (23 dBm)	N
	5470 to 5725	100, 104, 108, 112, ...140	1000 mW (30 dBm)	Y
	2400 to 2483.5	1 to 13	100 mW (20 dBm)	Y
Japan	5150 to 5250	34, 38, 42, 46	50 mW (17 dBm)	Y
	2400 to 2483.5	1 to 13	50 mW (17 dBm)	Y
Liechtenstein	5150 to 5250	36, 40, 44, 48	200 mW (23 dBm)	N
	5250 to 5350	52, 56, 60, 64	200 mW (23 dBm)	N
	2400 to 2483.5	1 to 13	100 mW (20 dBm)	Y
Luxembourg	5150 to 5250	36, 40, 44, 48	200 mW (23 dBm)	N
	5250 to 5350	52, 56, 60, 64	200 mW (23 dBm)	N
	5470 to 5725	100, 104, 108, 112, ...140	1000 mW (30 dBm)	Y
	2400 to 2483.5	1 to 13	100 mW (20 dBm)	Y
Malaysia	2400 to 2483.5	1 to 11	25 mW (14 dBm)	Y
Mexico	5150 to 5250	36, 40, 44, 48	50 mW (17 dBm)	N
	5250 to 5350	52, 56, 60, 64	200 mW (23 dBm)	N
	5725 to 5825	149, 153, 157, 161	1000 mW (30 dBm)	Y
	2400 to 2483.5	1 to 11	100 mW (20 dBm)	N (1 to 8) Y (9 to 11)
Netherlands	5150 to 5250	36, 40, 44, 48	200 mW (23 dBm)	N
	5250 to 5350	52, 56, 60, 64	200 mW (23 dBm)	N
	5470 to 5725	100, 104, 108, 112, ...140	1000 mW (30 dBm)	Y
	2400 to 2483.5	1 to 13	100 mW (20 dBm)	Y
New Zealand	5150 to 5250	36, 40, 44, 48	50 mW (17 dBm)	N
	5250 to 5350	52, 56, 60, 64	250 mW (24 dBm)	N
	5725 to 5825	149, 153, 157, 161	250 mW (24 dBm)	Y
	2400 to 2483.5	1 to 11	1000 mW (30 dBm)	Y



Table 1. Permissible Radio Frequencies, Channels, and Maximum Transmit Power (continued)

Country	Frequency Range (MHz)	Channels	Maximum Transmit Power (EIRP)	Outdoor Use Allowed
Norway	5150 to 5250	36, 40, 44, 48	200 mW (23 dBm)	N
	5250 to 5350	52, 56, 60, 64	200 mW (23 dBm)	N
	5470 to 5725	100, 104, 108, 112, ...140	1000 mW (30 dBm)	Y
	2400 to 2483.5	1 to 13	100 mW (20 dBm)	Y
Poland	5150 to 5250	36, 40, 44, 48	200 mW (23 dBm)	N
	5250 to 5350	52, 56, 60, 64	200 mW (23 dBm)	N
	5470 to 5725	100, 104, 108, 112, ...140	1000 mW (30 dBm)	Y
	2400 to 2483.5	1 to 13	100 mW (20 dBm)	Y
Portugal	5150 to 5250	36, 40, 44, 48	200 mW (23 dBm)	N
	5250 to 5350	52, 56, 60, 64	200 mW (23 dBm)	N
	5470 to 5725	100, 104, 108, 112, ...140	1000 mW (30 dBm)	Y
	2400 to 2483.5	1 to 13	100 mW (20 dBm)	Y
Saudi Arabia	2400 to 2483.5	1 to 11	100 mW (20 dBm)	N
Singapore	5150 to 5250	36, 40, 44, 48	100 mW (20 dBm)	N
	5725 to 5825	149, 153, 157, 161	25 mW (14 dBm)	N
	2400 to 2483.5	1 to 13	100 mW (20 dBm)	N
Slovakia	5150 to 5250	36, 40, 44, 48	200 mW (23 dBm)	N
	5250 to 5350	52, 56, 60, 64	200 mW (23 dBm)	N
	2400 to 2483.5	1 to 13	100 mW (20 dBm)	Y
Slovenia	5150 to 5250	36, 40, 44, 48	200 mW (23 dBm)	N
	5250 to 5350	52, 56, 60, 64	200 mW (23 dBm)	N
	2400 to 2483.5	1 to 13	100 mW (20 dBm)	Y
South Africa	5150 to 5250	36, 40, 44, 48	200 mW (23 dBm)	N
	5250 to 5350	52, 56, 60, 64	200 mW (23 dBm)	N
	2400 to 2483.5	1 to 13	25 mW (14 dBm)	Y
South Korea	5725 to 5825	149, 153, 157, 161	10 mW (10 dBm)	N
	2400 to 2483.5	1 to 11	100 mW (20 dBm)	N
Spain	2400 to 2483.5	1 to 13	100 mW (20 dBm)	N

Table 1. Permissible Radio Frequencies, Channels, and Maximum Transmit Power (continued)

Country	Frequency Range (MHz)	Channels	Maximum Transmit Power (EIRP)	Outdoor Use Allowed
Sweden	5150 to 5250	36, 40, 44, 48	200 mW (23 dBm)	N
	5250 to 5350	52, 56, 60, 64	200 mW (23 dBm)	N
	5470 to 5725	100, 104, 108, 112, ...140	1000 mW (30 dBm)	Y
	2400 to 2483.5	1 to 13	100 mW (20 dBm)	Y
Switzerland	5150 to 5250	36, 40, 44, 48	200 mW (23 dBm)	N
	5250 to 5350	52, 56, 60, 64	200 mW (23 dBm)	N
	2400 to 2483.5	1 to 13	100 mW (20 dBm)	Y
Taiwan	5250 to 5350	56, 60, 64	50 mW (17 dBm)	N
	5725 to 5825	149, 153, 157, 161	250 mW (24 dBm)	N
	2400 to 2483.5	1 to 11	100 mW (20 dBm)	Y
Thailand	2400 to 2483.5	1 to 13	25 mW (14 dBm)	N
United Arab Emirates	2400 to 2483.5	1 to 13	100 mW (20 dBm)	N
United States	5150 to 5250	36, 40, 44, 48	50 mW (17 dBm)	N
	5250 to 5350	52, 56, 60, 64	200 mW (23 dBm)	Y
	5725 to 5825	149, 153, 157, 161	1000 mW (30 dBm)	Y
	2400 to 2483.5	1 to 11	1000 mW (30 dBm)	Y

Trapeze Hardware Power Limits

The maximum transmit power you can configure on any Trapeze Networks radio is the maximum allowed for the country in which you plan to operate the radio *or* one of the following values, if lower:

- Radio-specific maximums:
 - 802.11a—11 dBm for channel numbers less than or equal to 64, or 10 dBm for channel numbers greater than 64
 - 802.11b—16 dBm for all valid channel numbers
 - 802.11g—14 dBm for all valid channel numbers
- Maximum for the specific combination of country, MP model, radio type, channel, and antenna type—see Table 2 and Table 3.



Table 2. Trapeze Hardware Power Limits—MP Model MP-2xx, 802.11a

Country	Channels	Maximum Trapeze Power Setting
Austria	36, 40, 44, 48	19
Belgium	36, 40, 44, 48	19
	52, 56, 60, 64	19
	100, 104, 108, 112, ...140	17
Canada	36, 40, 44, 48	11
	52, 56, 60, 64	14
	149	11
	153, 157, 161	13
China	149, 153, 157, 161	14
Czech Republic	36, 40, 44, 48	19
	52, 56, 60, 64	19
Denmark	36, 40, 44, 48	19
	52, 56, 60, 64	19
	100, 104, 108, 112, ...140	17
Finland	36, 40, 44, 48	19
	52, 56, 60, 64	19
	100, 104, 108, 112, ...140	17
France	36, 40, 44, 48	19
	52, 56, 60, 64	19
Germany	36, 40, 44, 48	19
	52, 56, 60, 64	19
	100, 104, 108, 112, ...140	17
Great Britain	36, 40, 44, 48	19
	52, 56, 60, 64	19
	100, 104, 108, 112, ...140	17
Hong Kong	36, 40, 44, 48, 52, 56, 60, 64	19
	100, 104, 108, 112, ...140	17
Hungary	36, 40, 44, 48	19
	52, 56, 60, 64	19

Table 2. Trapeze Hardware Power Limits—MP Model MP-2xx, 802.11a (continued)

Country	Channels	Maximum Trapeze Power Setting
Iceland	36, 40, 44, 48	19
	52, 56, 60, 64	19
	100, 104, 108, 112, ...140	17
Ireland	36, 40, 44, 48	19
	52, 56, 60, 64	19
	100, 104, 108, 112, ...140	17
Italy	36, 40, 44, 48	19
	52, 56, 60, 64	19
	100, 104, 108, 112, ...140	17
Japan	34, 38, 42	16
	46	14
Liechtenstein	36, 40, 44, 48	19
	52, 56, 60, 64	19
Luxembourg	36, 40, 44, 48	19
	52, 56, 60, 64	19
	100, 104, 108, 112, ...140	17
Netherlands	36, 40, 44, 48	19
	52, 56, 60, 64	19
	100, 104, 108, 112, ...140	17
Norway	36, 40, 44, 48	19
	52, 56, 60, 64	19
	100, 104, 108, 112, ...140	17
Poland	36, 40, 44, 48	19
	52, 56, 60, 64	19
	100, 104, 108, 112, ...140	17
Portugal	36, 40, 44, 48	19
	52, 56, 60, 64	19
	100, 104, 108, 112, ...140	17
Slovakia	36, 40, 44, 48	19
	52, 56, 60, 64	19
Slovenia	36, 40, 44, 48	19
	52, 56, 60, 64	19



Table 2. Trapeze Hardware Power Limits—MP Model MP-2xx, 802.11a (continued)

Country	Channels	Maximum Trapeze Power Setting
South Africa	36, 40, 44, 48	19
	52, 56, 60, 64	19
South Korea	149, 153, 157, 161	10
Sweden	36, 40, 44, 48	19
	52, 56, 60, 64	19
	100, 104, 108, 112, ...140	17
Switzerland	36, 40, 44, 48	19
	52, 56, 60, 64	19
United States	36, 40, 44, 48	11
	52, 56, 60, 64	14
	149	11
	153, 157, 161	13

Table 3. Trapeze Hardware Power Limits—MP Model MP-2xx, 802.11b/g

Country	Channels	Maximum Trapeze Power Setting							
		Internal Antenna		External Antenna					
		b	g	60°		120°		180°	
				b	g	b	g	b	g
Austria	1	16	14	10	12	13	14	14	15
	2 to 12	16	14	10	12	13	14	13	15
	13	16	14	9	13	12	15	13	16
Belgium	1	16	14	10	12	13	14	14	15
	2 to 12	16	14	10	12	13	14	13	15
	13	16	14	9	13	12	15	13	16
Canada	1	17	15	10	9	13	12	11	12
	2 to 10	17	15	15	14	15	14	15	14
	11	16	14	9	10	9	12	10	10
China	1 to 13	16	16	—	—	—	—	—	—

Table 3. Trapeze Hardware Power Limits—MP Model MP-2xx, 802.11b/g (continued)

Country	Channels	Maximum Trapeze Power Setting							
		Internal Antenna		External Antenna					
		b	g	60°		120°		180°	
				b	g	b	g	b	g
Czech Republic	1	16	14	10	12	13	14	14	15
	2 to 12	16	14	10	12	13	14	13	15
	13	16	14	9	13	12	15	13	16
Denmark	1	16	14	10	12	13	14	14	15
	2 to 12	16	14	10	12	13	14	13	15
	13	16	14	9	13	12	15	13	16
Finland	1	16	14	10	12	13	14	14	15
	2 to 12	16	14	10	12	13	14	13	15
	13	16	14	9	13	12	15	13	16
France	1	16	14	10	12	13	14	14	15
	2 to 12	16	14	10	12	13	14	13	15
	13	16	14	9	13	12	15	13	16
Germany	1	16	14	10	12	13	14	14	15
	2 to 12	16	14	10	12	13	14	13	15
	13	16	14	9	13	12	15	13	16
Great Britain	1	16	14	10	12	13	14	14	15
	2 to 12	16	14	10	12	13	14	13	15
	13	16	14	9	13	12	15	13	16
Greece	1	16	14	10	12	13	14	14	15
	2 to 12	16	14	10	12	13	14	13	15
	13	16	14	9	13	12	15	13	16
Hong Kong	1 to 13	16	14	—	—	—	—	—	—
Hungary	1	16	14	10	12	13	14	14	15
	2 to 12	16	14	10	12	13	14	13	15
	13	16	14	9	13	12	15	13	16
Iceland	1	16	14	10	12	13	14	14	15
	2 to 12	16	14	10	12	13	14	13	15
	13	16	14	9	13	12	15	13	16



Table 3. Trapeze Hardware Power Limits—MP Model MP-2xx, 802.11b/g (continued)

Country	Channels	Maximum Trapeze Power Setting							
		Internal Antenna		External Antenna					
		b	g	60°		120°		180°	
				b	g	b	g	b	g
Ireland	1	16	14	10	12	13	14	14	15
	2 to 12	16	14	10	12	13	14	13	15
	13	16	14	9	13	12	15	13	16
Israel	4 to 8	14	14	—	—	—	—	—	—
Italy	1	16	14	10	12	13	14	14	15
	2 to 12	16	14	10	12	13	14	13	15
	13	16	14	9	13	12	15	13	16
Japan	1	17	14	17	14	16	14	16	14
	2 to 12	16	14	17	14	16	14	17	14
	13	16	14	17	14	17	14	17	14
Liechtenstein	1	16	14	10	12	13	14	14	15
	2 to 12	16	14	10	12	13	14	13	15
	13	16	14	9	13	12	15	13	16
Luxembourg	1	16	14	10	12	13	14	14	15
	2 to 12	16	14	10	12	13	14	13	15
	13	16	14	9	13	12	15	13	16
Malaysia	1 to 11	14	14	—	—	—	—	—	—
Netherlands	1	16	14	10	12	13	14	14	15
	2 to 12	16	14	10	12	13	14	13	15
	13	16	14	9	13	12	15	13	16
Norway	1	16	14	10	12	13	14	14	15
	2 to 12	16	14	10	12	13	14	13	15
	13	16	14	9	13	12	15	13	16
Poland	1	16	14	10	12	13	14	14	15
	2 to 12	16	14	10	12	13	14	13	15
	13	16	14	9	13	12	15	13	16

Table 3. Trapeze Hardware Power Limits—MP Model MP-2xx, 802.11b/g (continued)

Country	Channels	Maximum Trapeze Power Setting							
		Internal Antenna		External Antenna					
		b	g	60°		120°		180°	
				b	g	b	g	b	g
Portugal	1	16	14	10	12	13	14	14	15
	2 to 12	16	14	10	12	13	14	13	15
	13	16	14	9	13	12	15	13	16
Saudi Arabia	1	16	14	10	12	13	14	14	15
	2 to 12	16	14	10	12	13	14	13	15
	13	16	14	9	13	12	15	13	16
Slovakia	1	16	14	10	12	13	14	14	15
	2 to 12	16	14	10	12	13	14	13	15
	13	16	14	9	13	12	15	13	16
Slovenia	1	16	14	10	12	13	14	14	15
	2 to 12	16	14	10	12	13	14	13	15
	13	16	14	9	13	12	15	13	16
South Africa	1 to 13	14	14	—	—	—	—	—	—
South Korea	1 to 11	18	18	—	—	—	—	—	—
Spain	1	16	14	10	12	13	14	14	15
	2 to 12	16	14	10	12	13	14	13	15
	13	16	14	9	13	12	15	13	16
Sweden	1	16	14	10	12	13	14	14	15
	2 to 12	16	14	10	12	13	14	13	15
	13	16	14	9	13	12	15	13	16
Switzerland	1	16	14	10	12	13	14	14	15
	2 to 12	16	14	10	12	13	14	13	15
	13	16	14	9	13	12	15	13	16
United Arab Emirates	1	16	14	10	12	13	14	14	15
	2 to 12	16	14	10	12	13	14	13	15
	13	16	14	9	13	12	15	13	16



Table 3. Trapeze Hardware Power Limits—MP Model MP-2xx, 802.11b/g (continued)

Country	Channels	Maximum Trapeze Power Setting							
		Internal Antenna		External Antenna					
				60°		120°		180°	
		b	g	b	g	b	g	b	g
United States	1	17	15	10	9	13	12	11	12
	2 to 10	17	15	15	14	15	14	15	14
	11	16	14	9	10	9	12	10	10

Regulatory Compliance Information

Trapeze Networks products cause no electromagnetic interference to other devices if installed and operated properly and without modification.

Modification Prohibition



Caution! The Part 15 radio device in the access point operates on a noninterference basis with other devices operating at the same frequency. Any modification to this device not expressly approved by Trapeze Networks can void your authority to operate the device.

The manufacturer, Trapeze Networks, is not responsible for any interference caused by unauthorized modification of the devices included with this product, or the substitution or attachment of connecting cables or equipment other than supplied by Trapeze Networks.

The correction of interference caused by such unauthorized modification, substitution, or attachment is your responsibility.

Trapeze Networks and its authorized resellers or distributors are not liable for any damage or violation of government regulations that might arise from failure to comply with these guidelines.

Wiring Notice



Note. Other than the power cord, the wiring interconnecting these units is designed to be used intra-building only.



Federal Communications Commission Notice (United States)

This device uses, generates, and radiates radio frequency energy. The radio frequency energy produced by this device is well below the maximum exposure allowed by the Federal Communications Commission (FCC).

Operation is subject to the following conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits of a Class B or Class A (as marked) digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential environment.

This accepted equipment is designed and tested to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed in accordance with the instruction manual, may cause harmful interference.

There is no guarantee that interference will not occur. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to correct the interference by one of the following measures:

- Reorient or relocate the device to reorient or relocate the receiving antenna.
- Increase separation between the equipment and receiver.

Canadian Department of Communications Industry Canada Notice (Canada)

This digital apparatus meets the requirements of Canadian Interference-Causing Equipment Regulation RSS-210.

Cet appareil respecte les exigences du Règlement sur le matériel brouilleur du Canada.

This device complies with the limits of Industry Canada (IC). Operation is subject to the following conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

The device is certified to the requirements of IC RSS-139-1. The use of this device in a system operating either partially or completely outdoors may require the user to obtain a license for the system. For more information, contact your local Industry Canada office.

Radio Frequency Compliance Information (European Union)

The MP access point has been tested and found to comply with European Telecommunications Standard (ETS) 300 328 for 2.4-GHz equipment and ETS 301 893 for 5-GHz equipment. These standards cover wideband data transmission systems referred to in European Conference of Postal and Telecommunications Administrations (CEPT) recommendation T/R 10.01.

Voluntary Control Council for Interference by Information Technology Equipment Notice (Japan)

この装置は、情報処理装置等電波障害自主規制協議会（VCCI）の基準に基づくクラスA情報技術装置です。この装置を家庭環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。

Translation: This is a Class A product based on the standard of the Voluntary Control Council for Interference by Information Technology Equipment (VCCI). If this equipment is used in a domestic environment, radio disturbance may arise. When such trouble occurs, the user may be required to take corrective actions.

Regulatory Compliance Notice (Korea)

- 기기의 명칭 (모델명) : Mobility Exchange (20)
- 인증받은 자의 상호 : TRAPEZE NETWORKS, INC.
- 제조년월 :
- 제조자/제조국가 : FLEXTRONICS / 미국

- 기기의 명칭 (모델명) : Mobility Point (MP-252)
- 인증받은 자의 상호 : TRAPEZE NETWORKS, INC.
- 제조년월 :
- 제조자/제조국가 : FLEXTRONICS / 미국

- 기기의 명칭 (모델명) : Mobility Point (MP-241)
- 인증받은 자의 상호 : TRAPEZE NETWORKS, INC.
- 제조년월 :
- 제조자/제조국가 : FLEXTRONICS / 미국

사 용 자 안 내 문

이 기기는 업무용으로 전자파적합등록을 한 기기이오니 판매자 또는 사용자는 이 점을 주의하시기 바라며 만약 잘못 판매 또는 구입하였을 때에는 가정용으로 교환하시기 바랍니다.



Lithium Battery Caution

The MX switch contains a lithium battery. If you need to replace the battery, make sure you dispose of the battery properly according to local regulations and replace the battery only with another comparable lithium battery.



Caution! Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

Attentie! Gevaar voor explosie als accu wordt vervangen door onjuist type. Verwijder gebruikte accu's in overeenstemming met de instructies.

Vorsicht! Wenn die Batterie durch einen falschen Typ ersetzt wird, besteht das Risiko einer Explosion. Entsorgen Sie die gebrauchten Batterien entsprechend den Anweisungen.

Attention ! Risque d'explosion si la batterie est remplacée par une batterie non conforme. Jetez les batteries usagées selon les instructions.

¡Precaución! Peligro de explosión si la batería es reemplazada con otra de tipo incorrecto. Deseche las baterías usadas siguiendo las instrucciones.

Advarsel! Lithiumbatteri – Eksplosionsfare ved fejlagtig håndtering. Udskiftning må kun ske med batteri af samme fabrikat og type.

Declarations of Conformity

The following sections contain declarations of conformity.

European Union Notice



All products labeled with the CE marking comply with the Electromagnetic Compliance (EMC) Directive (89/336/EEC) and the Low Voltage Directive (73/23/EEC) issued by the Commission of the European Community.

Compliance with these directives implies conformity to the following European Norms (ENs). The equivalent international standards are listed in parentheses.

- EN 55022 (CISPR 22)—Electromagnetic Interference
- EN 55024 (IEC 61000-4-2, -3, -4, -5, -6, -8, -11)—Electromagnetic Immunity
- EN 61000-3-2 (IEC 61000-3-2)—Power Line Harmonics

- EN 61000-3-3 (IEC 61000-3-3)—Power Line Flicker
- EN 60 950 (IEC 60950)—Product Safety



Products labeled with the CE alert marking contain a radio transmitter that complies with the Radio Equipment and Telecommunications Terminal Equipment (R&TTE) Directive 1999/5/EC to an unharmonized frequency spectrum, issued by the Commission of the European Community.

Compliance with these directives implies conformity to the following European Norms (ENs). Where applicable, the equivalent international standards are listed in parentheses.

- EN 60 950 (IEC 60950)—Product Safety
- EN 300 328—Technical Requirements for Radio Equipment
- ETS 300 826 and ETS 301 489-17—General EMC requirements for radio equipment
- ETS 301 893—Broadband Radio Access Networks (BRAN)
- HiperLAN/2
- Harmonized EN covering essential requirements of Article 3.2 of the R&TTE Directive—Point-to-multipoint digital fixed radio systems and antennas

To determine the type of transmitter, check the identification label on your product.

European Community, Switzerland, Norway, Iceland, and Liechtenstein Declarations

Table 4 lists European declarations of conformity with Radio Equipment and Telecommunications Terminal Equipment (R&TTE) Directive 1999/5/EC.

Table 4. European Declarations of Conformity with R&TTE Directive 1999/5/EC

Language	Declaration Statement
English	This equipment complies with the essential requirements and other relevant provisions of Directive 1999/5/EC.
Deutsch	Dieses Gerät entspricht den grundlegenden Anforderungen und den weiteren entsprechenden Vorgaben der Richtlinie 1999/5/EU.
Dansk	Dette udstyr er i overensstemmelse med de væsentlige krav og andre relevante bestemmelser i Direktiv 1999/5/EF.
Ελληνικά	Αυτό το εξοπλισμό συμμορφώνεται με τις ουσιαστικές απαιτήσεις και τις λοιπές διατάξεις της Οδηγίας 1999/5/ΕΚ.
Español	Este equipo cumple con los requisitos esenciales así como con otras disposiciones de la Directiva 1999/5/EC.



**Table 4. European Declarations of Conformity with R&TTE Directive 1999/5/EC
(continued)**

Language	Declaration Statement
Français	Cet appareil est conforme aux exigences essentielles et aux autres dispositions pertinentes de la Directive 1999/5/EC.
Íslenska	Þessi búnaður samrýmist lögboðnum kröfum og öðrum ákvæðum tilskipunar 1999/5/ESB.
Italiano	Questo apparato é conforme ai requisiti essenziali ed agli altri principi sanciti dalla Direttiva 1999/5/EC.
Nederlands	Deze apparatuur voldoet aan de belangrijkste eisen en andere voorzieningen van richtlijn 1999/5/EC.
Norsk	Dette utstyret er i samsvar med de grunnleggende krav og andre relevante bestemmelser i EU-direktiv 1999/5/EC.
Português	Este equipamento satisfaz os requisitos essenciais e outras provisões da Directiva 1999/5/EC.
Suomalainen	Tämä laite täyttää direktiivin 1999/5/EY oleelliset vaatimukset ja on siinä asetettujen muidenkin ehtojen mukainen.
Svenska	Denna utrustning är i överensstämmelse med de väsentliga kraven och andra relevanta bestämmelser i Direktiv 1999/5/EC.

Translations of Warnings and Warning Conventions

The following warning(s) and warning conventions apply to this document.

Qualified Service Personnel Warning



Warning! Installation must be performed by qualified service personnel only. Read and follow all warning notices and instructions marked on the product or included in the documentation. Before installing the product, read the rest of this document.

Waarschuwing! De installatie mag alleen worden uitgevoerd door bevoegd onderhoudspersoneel. Het is essentieel dat u kennis neemt van alle waarschuwingen en instructies aangebracht op het product zelf en/of opgenomen in de documentatie. Voordat u het product installeert, dient u dit document in zijn geheel te hebben gelezen.

Warnung! Die Installation darf nur von einem qualifizierten Kundendienstmitarbeiter vorgenommen werden. Lesen Sie alle Warnhinweise und Anweisungen auf dem Produkt oder in der Dokumentation und befolgen Sie sie. Bevor Sie das Produkt installieren, sollten Sie dieses Dokument vollständig lesen.

Avertissement ! L'installation doit être effectuée uniquement par des techniciens qualifiés. Lisez et suivez toutes les notices d'avertissement et les instructions figurant sur le produit ou comprises dans la documentation. Lisez le reste de ce document avant d'installer ce produit.

Aviso Sólo puede realizar la instalación personal cualificado de asistencia técnica. Lea y siga todas las notas de advertencia e instrucciones indicadas en el producto o incluidas en la documentación. Antes de instalar el producto, lea el resto de este documento.

Warning Conventions



Warning! This situation or condition can cause injury.

Waarschuwing! Deze situatie of omstandigheid kan letsel veroorzaken.

Warnung! Diese Situation oder dieser Zustand kann zu Verletzungen führen.

Avertissement ! Cette situation ou cette condition peuvent provoquer des blessures.

Aviso Esta situación o condición puede causar lesiones.



Warning! High voltage. This situation or condition can cause injury due to electric shock.

Waarschuwing! Hoog voltage. Deze situatie of omstandigheid kan letsel veroorzaken door elektrische schokken.

Warnung! Hochspannung. Diese Situation oder dieser Zustand kann einen Elektroschock verursachen.

Avertissement ! Haute tension. Cette situation ou cette condition peuvent provoquer des blessures dues à des décharges électriques.

Aviso Alta tensión. Esta situación o condición puede causar lesiones por descarga eléctrica.



Warning! Radiation. This situation or condition can cause injury due to improper handling of fiber-optic equipment.

Waarschuwing! Straling. Deze situatie of omstandigheid kan letsel veroorzaken door onjuist gebruik van glasvezelapparatuur.

Warnung! Strahlung. Diese Situation oder dieser Zustand kann durch falschen Umgang mit glasfaserbasierten Geräten zu Verletzungen führen.

Avertissement ! Radiation. Cette situation ou cette condition peuvent provoquer des blessures dues à une manipulation inappropriée d'appareils équipés de fibres optiques.

Aviso Radiación. Esta situación o condición puede causar lesiones debido a un manejo inadecuado del equipamiento de fibra óptica.



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