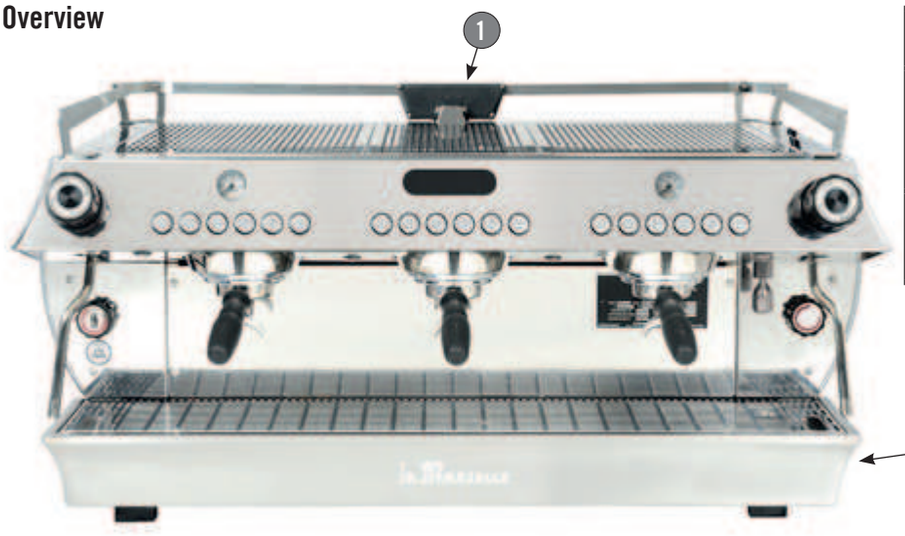
la marzocco
handmade in florence

GATEWAY - INSTALLATION

V1.0

1. Overview



Item	Description
1	Antenna Model: 814_1000RG316_ SMMRP
2	Wireless Network Devide Model: SYS-C60-LMC1

1.1 Wireless Network Devide (Gateway)

The FCC rules that are applicable to the modular transmitter are 15C (DSS-DTS), 15E (NII), 24E (PCB), 27 (PCB), FCC 47 CFR Part 1.1310:2018, FCC 47 CFR Part 15:2019, FCC 47 CFR Part 15C:2019, FCC 47 CFR Part 22:2019, FCC 47 CFR Part 2:2019, FCC 47 CFR Part 24:2019, ISED RSS-130 Issue 2 (2019-02), ISED RSS-132 Issue 3 (2013-01), ISED RSS-133 Issue 6 + A1 (2018-01), ISED RSS-139 Issue 3 (2015-07), ISED RSS-199 Issue 3 (2016-12), ISED RSS-247 Issue 2 (2017-02), ISED RSS-GEN Issue 5 (2018-04) + A1 (2019-03), ISED Canada: Health Canada Safety Code 6:2015.
The Gateway (model: SYS-C60-LMC1) will be use in the espresso coffee machine by La Marzocco.

The gateway box will always be present in the lower right part of the espresso machine as shown in the image above.

The espresso machine is equipped with a dedicated radio module that meets FCC and ISED certification requirements.

FCC ID: 2AZUJ-SYS-C60-LMC1
IC ID: 27093-SYSC60LMC1

The gateway does not foresee additional tests if the installation is carried out as indicated in this manual. If the espresso machine has more radio transmitter modules, further tests shall be evalueted.
In case La Marzocco will supply the guide SYS-C60-LMC1 test mode description.pdf in order to perform the needed test.

In any case, the espresso machine must be subjected to the tests in according to FCC 47 CFR Part. 15B.

SYS-C60-LMC1 is equipped with the RF modules that are identify in the FCC site as:

1. FCC ID: XMR201903EG25G
2. FCC ID: Z64-WL18DBMOD

The build status of these modules has not been modified.

1.2 Antenna

The antenna (model: 814_1000RG316_SMMRP) will always be present in the upper part of the espresso machine as shown in the image above.

Wiring connection:

Power supply and data transmission

La Marzocco Srl Headquarters | Sede Operativa: Via La Torre 14/H, Loc. La Torre, 50038 - Scarperia e San Piero (FI), Italy
T. +39 055 849191 | F. +39 055 8491990 | info@lamarzocco.com | www.lamarzocco.com

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1.3 RF exposure consideration

The calculation of exposure for this product was found to be compliant at 20 cm with EN 62311, FCC CFR 47 Pt.1.1310 and Health Canada safety Code 6, assuming continuous exposure of 6 minutes or more. If alternative antennas are used with greater gains, the distance must be recalculated.

La Marzocco srl has not approved any changes or modifications to this device by the user. Any changes or modifications could void the user's authority to operate the equipment.

• Radio Interference

This device complies with Part 15 of the FCC Rules and Industry Canada RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

• RF Exposure

This equipment complies with FCC and IC radiation exposure limits set forth for an uncontrolled environment. The antenna should be installed and operated with minimum distance of 20 cm between the radiator and your body. Antenna gain must be below:

Antenna Port	Radio Access Technology	Antenna Model	Gain (dBi)
1 & 2	2.4GHz WIFI	Dynaflex 814_1000RG316_SMMRP	2.7
1 & 2	5GHz WIFI	Dynaflex 814_1000RG316_SMMRP	1.6
3	GSM-835	Dynaflex 814_1000RG316_SMMRP	2.05
3	GSM-900	Dynaflex 814_1000RG316_SMMRP	2.8
3	DCS1800	Dynaflex 814_1000RG316_SMMRP	1.6
3	GSM 1900	Dynaflex 814_1000RG316_SMMRP	2.9
3	WCDMA FDD 1	Dynaflex 814_1000RG316_SMMRP	2.04
3	WCDMA FDD 5	Dynaflex 814_1000RG316_SMMRP	2.05
3	WCDMA FDD 8	Dynaflex 814_1000RG316_SMMRP	2.8
3	LTE FDD 1	Dynaflex 814_1000RG316_SMMRP	2.04
3	LTE FDD 3	Dynaflex 814_1000RG316_SMMRP	0.3
3	LTE FDD 4	Dynaflex 814_1000RG316_SMMRP	0.3
3	LTE FDD 7	Dynaflex 814_1000RG316_SMMRP	0.3
3	LTE FDD 8	Dynaflex 814_1000RG316_SMMRP	2.8
3	LTE FDD 12	Dynaflex 814_1000RG316_SMMRP	1.3
3	LTE FDD 20	Dynaflex 814_1000RG316_SMMRP	2.05
3	LTE FDD 28	Dynaflex 814_1000RG316_SMMRP	1.3
3	LTE TDD 38	Dynaflex 814_1000RG316_SMMRP	0.3
1	Bluetooth	[illegible]RP	2.7

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

FCC Class A digital device notice

NOTE: This equipment has been tested and found to comply with the limits for a Class A 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 commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.