

FCC ID: 2APBOAN950
IC: 23717-AN950

Operation Description

The Anova Precision™ Oven 2.0 requires a WiFi connection to receive software updates. An active subscription is required to access the latest guides, cooking modes, camera functionality, and recipes and to track your cook history on your oven.

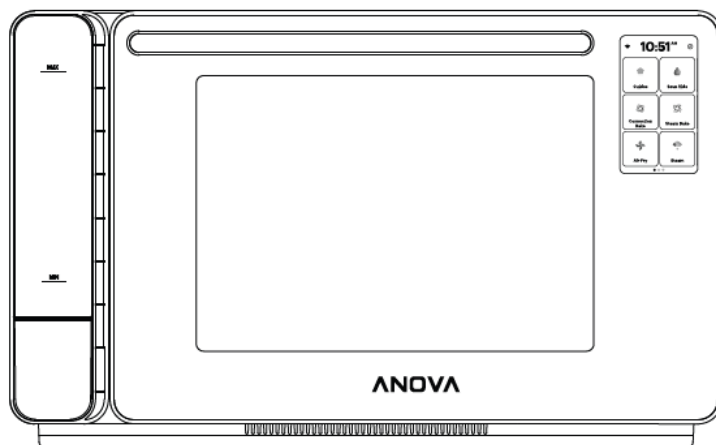
Follow the instructions on the screen and in the app to set up your Oven.

Cooking with the Anova Precision™ Oven 2.0 is a bit like a choose-your-own-adventure novel. Whether you're looking for simple sheet pan meals, bagless sous vide steaks, professional-level bread baking, or something in between, this oven is perfect for you. Get cooking quickly with ingredient guides using camera-based food recognition, or browse hundreds of unique recipes in the app.

NOTE: Wi-Fi connection, app, and subscription are not required to use the oven. However, some functions may not be available with manual use.



The Anova Team



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SPECIFICATIONS CONTINUED

EXTERNAL DIMENSIONS	22.9 in x 14.1 in x 20.0 in 582 mm x 358 mm x 508 mm
WEIGHT	51.8 lbs 23.5 kg
INTERIOR DIMENSIONS	16.4 x 10 x 12.4in 417 mm x 254 mm x 320 mm
INTERIOR VOLUME	1.2 cu ft 38 L
WATER TANK VOLUME	10 cups 2.4 L
WASTE TANK VOLUME	2 cups 0.5 L
SENSORS	2x dry bulb (ambient) sensors 1x wet bulb sensor 1x Food Probe 1x Steam Boiler Sensor Camera: 1080 x 1920
TEMPERATURE RANGE	77 – 482 °F 25 – 250 °C
STEAM CONTROL	0–100 %
DISPLAY	5 inch IPS panel 16.7M colors 720 x 1280
CONNECTIVITY	WiFi 2.4 & 5 GHz
POWER	120 V / 60 Hz / 1800 W
PAN SIZES	Up to 12 in x 15 in 300 mm x 380 mm

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RF parameters

5G WIFI

Frequency Range: 5150 ~ 5250MHz
5250 ~ 5350MHz
5470 ~ 5725MHz
5725 ~ 5850MHz
For IC the channels in band 5600-5650MHz are excluded

Support Standards: 802.11a, 802.11n/ac(HT20), 802.11n/ac(HT40), 802.11ac(VHT80)

Type of Modulation: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM)

Channel Number: For 5150 ~ 5250MHz band: Channel 36 - 48
For 5250 ~ 5350MHz Band: Channel 52 - 64
For 5470 ~ 5725MHz Band: Channel 100 - 140
For 5725 ~ 5850MHz band: Channel 149 - 165

Max output Power: 13.06dBm

FPC Antenna 1 5.37dBi

FPC Antenna 2 5.46dBi

Frequency List

FCC

802.11a/n(HT20)					
Channel	Frequency	Channel	Frequency	Channel	Frequency
36	5180MHz	40	5200MHz	44	5220MHz
48	5240MHz	52	5260 MHz	56	5280 MHz
60	5300 MHz	64	5320 MHz	100	5500 MHz
104	5520 MHz	108	5540 MHz	112	5560 MHz
116	5580 MHz	120	5600 MHz	124	5620 MHz
128	5640 MHz	132	5660 MHz	136	5680 MHz
140	5700 MHz	149	5745 MHz	153	5765 MHz
157	5785 MHz	161	5805 MHz	165	5825 MHz
802.11n(HT40)					
Channel	Frequency	Channel	Frequency	Channel	Frequency
38	5190MHz	46	5230MHz	54	5270 MHz
62	5310 MHz	102	5510 MHz	110	5550MHz
118	5590 MHz	126	5630 MHz	134	5670 MHz
151	5755 MHz	159	5795 MHz	-	-

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IC

802.11a/n(HT20)					
Channel	Frequency	Channel	Frequency	Channel	Frequency
36	5180MHz	40	5200MHz	44	5220MHz
48	5240MHz	52	5260 MHz	56	5280 MHz
60	5300 MHz	64	5320 MHz	100	5500 MHz
104	5520 MHz	108	5540 MHz	112	5560 MHz
116	5580 MHz	132	5660 MHz	136	5680 MHz
140	5700 MHz	149	5745 MHz	153	5765 MHz
157	5785 MHz	161	5805 MHz	165	5825 MHz
802.11n(HT40)					
Channel	Frequency	Channel	Frequency	Channel	Frequency
38	5190MHz	46	5230MHz	54	5270 MHz
62	5310 MHz	102	5510 MHz	110	5550MHz
134	5670 MHz	151	5755 MHz	159	5795 MHz

2.4GHz WIFI

Frequency Band:	2400MHz ~ 2483.5MHz
Support Standards:	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n-HT20, IEEE 802.11n-HT40
Type of Modulation:	IEEE 802.11b: DSSS (CCK, DQPSK, DBPSK) IEEE 802.11g: OFDM (64-QAM, 16-QAM, QPSK, BPSK) IEEE 802.11n-HT20: OFDM (64-QAM, 16-QAM, QPSK, BPSK) IEEE 802.11n-HT40: OFDM (64-QAM, 16-QAM, QPSK, BPSK)
Channel Number:	11 Channels for 802.11b, 802.11g and 802.11n(HT20) 7 Channels for 802.11n(HT40)
Channel Separation:	5 MHz
Max output power:	16.44dBm
Antenna:	FPC Antenna 1, gain is 5.21dBi, FPC Antenna 2, gain is 3.94dBi

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BLE

Frequency Band: 2402MHz to 2480MHz

Support Standards: Bluetooth Low Energy

Type of Modulation: GFSK

Channel Number: 40

Channel Separation: 2MHz

Data Rate 1 Mbps, 2 Mbps

Antenna Information: FPC Antenna, gain is 5.41dBi

Max output power: 2.13dBm