

NuTone®

Intercoms and Home Entertainment Systems



A Sound Investment in Style, Function and Value.

Table of Contents

- 4-7 NM200 – 'Master' Stations/Components
- 8-12 NM100 – 'Master' Stations/Components
- 13-15 Speakers/Frames/Rough-Ins/Accessories
- 16-18 Wiring Diagrams

Introducing in-home entertainment, security and communication systems from NuTone®, the leader in “styled for today” radio intercom and intercom systems. You can choose a ‘Master’ station in a variety of colors and functions to pair up with recess wall-mounted speakers and remote stations. They are the easiest, most affordable way to build security, convenience and entertainment into your home. And with a variety of style and color options, NuTone® has a system to complement the décor of any home.

Stay near those who need you.

Have the peace of mind that you can easily monitor a child’s room or stay within earshot of any family member no matter where you are in the house.

Know who’s at your door.

No matter where you are in the home, you’ll be able to answer your door and safely screen visitors – making your home more secure.



Music, news, information... any room, any time.

A NuTone® radio intercom system plays your favorite radio stations throughout the house. You’ll be amazed by the superb sound quality produced by our systems.

Music and Much More...



NM200 – Remote Stations and Door Speakers

NuTone® remote stations fill your home with music... indoors and out!

- Use up to 15 remote stations and 3 door speakers
- Talk from any station to all other stations and 'Master'
- Answer door from any station or 'Master'
- Control radio from remote stations; turn on/off, select radio memory channels
- Control music and intercom volume using built-in control



NRS200WH



NRS200 – Indoor Remote Station NPS200 – Outdoor Remote Station

Both Remote Stations are designed for use with the NM200 System. They feature a local volume control, room talk/listen, door talk/listen, privacy button, audio source selection, audio source on/off, source audio volume control and selection of radio memory channels.





NDB300WH – Door Speaker

NDB300AB



NDB300BB



NDB300N



NDB300 Series Door Speakers

This line of Door Speakers have a voice communications interface that mounts adjacent to an entry door. Two-way voice communication with the resident occurs through the unit's built-in speaker. The door station mounts recessed in the wall using an NRKR300D Door Speaker Rough-in. This series of door speakers are for use with the NM100 and NM200 'Master' stations only.

Finish Options:

NDB300AB – Antique Brass finish

NDB300BB – Bright Brass finish

NDB300N – Nickel finish

NDB300WH – White finish

(All models feature a lighted chime pushbutton)

NM200 System Components

Order Rough-in PLUS finish kit to make a complete unit.

Finish Kit Model No.	Finish	Width	Height	In-Wall Depth	Projects	Rough-In Model No.
'Master' Stations						
NM200AL NM200WH	Almond White	15-1/4"	5-5/16"	3-3/8"	1-1/8"	NWH300
NM200K	Package: (1) NM200WH, (4) NRS200WH, (1) NPS200WH, (1) NDB300WH, (1) NA3003C					NRKRWH300
NRKRWH300	Package: (1) NWH300, (4) NRKR200R, (1) NRKF200P, (1) NRKR300D					–
Indoor Remote Stations						
NRS200AL NRS200WH	Almond White	5-1/2"	5-1/2"	1-5/8"	1-1/8"	NRKR200R
Outdoor Remote Stations						
NPS200WH	White	5-1/2"	5-1/2"	1-5/8"	1-1/8"	NRKF200P

Intercom Door Speaker Options for: NM100 and NM200

Order Rough-in PLUS finish kit to make a complete unit.

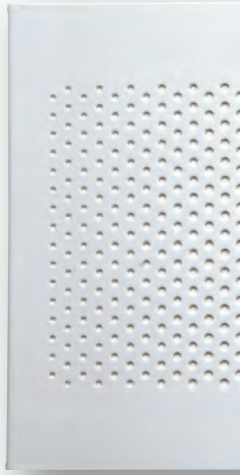
Finish Kit Model No.	Finish	Width	Height	In-Wall Depth	Projects	Rough-In Model No.
Door Speakers						
NDB300AB	Antique Brass	4-3/16"	6-5/16"	1-3/8"	5/8"	NRKR300D
NDB300BB	Bright Brass	4-3/16"	6-5/16"	1-3/8"	5/8"	NRKR300D
NDB300N	Nickel	4-3/16"	6-5/16"	1-3/8"	5/8"	NRKR300D
NDB300WH	White	4-3/16"	6-5/16"	1-3/8"	5/8"	NRKR300D

Intercom Options:

See p. 15 for chime modules and audio wall plate, p. 13 for intercom speakers and volume control and p. 14 for update and surface frames.

The NM200 remote stations are designed to work with Category 5 or 5E cable. The door speakers are designed to work with NuTone® NW4S shielded cable. Using these cables enables full system performance and minimizes outside interference, dimmer noise, radio frequency interference and other reception problems. If wire other than NuTone® specified wire is used in the installation of a NuTone® Radio Intercom, the Warranty shall not be applicable to any defects or problems relating to the use of non-NuTone® specified wire.

Designed to Fit Your Life



NM100 – Remote Stations and Door Speakers

NuTone® remote stations fill your home with music... indoors and out!

Use up to 15 remote stations when retrofitting a 4-wire system, and 13 remote stations when retrofitting a 3-wire system

- Supports up to three door speakers
- Talk from any station to all other stations and 'Master'
- Answer door from any station or 'Master'
- Control radio from remote stations; turn 'on/off', select radio memory channels
- Control music and intercom volume using built-in control
- Built-in radio tuner allows setting 8 AM and 8 FM stations





NRS103WH – Indoor Remote
NPS103WH – Outdoor Remote

NRS103WH – Indoor Remote Station
NPS103WH – Outdoor Remote Station

Retrofit for 3-wire intercom systems. Both Remote Stations are designed for retrofit use with the NM100 `Master.` They feature local volume control, door talk/listen and room talk buttons, audio source selection, audio source on/off, source audio volume control and selection of radio memory channels.



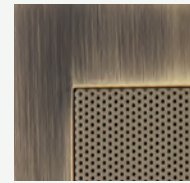
NRS104WH – Indoor Remote
NPS104WH – Outdoor Remote

NRS104WH – Indoor Remote Station
NPS104WH – Outdoor Remote Station

Retrofit for 4-wire intercom systems. Both Remote Stations are designed for retrofit use with the NM100 `Master.` They feature local volume control, door talk/listen and room talk/listen buttons, audio source selection, audio source on/off, source audio volume control and selection of radio memory channels.



NDB300WH – Door Speaker



NDB300AB



NDB300BB



NDB300N

NM100 System Components

Order Rough-in PLUS finish kit to make a complete unit.

Finish Kit Model No.	Finish	Width	Height	In-Wall Depth	Projects	Rough-In Model No.
'Master' Stations						
NM100WH	White	15-1/4"	5-5/16"	3-1/4"	1-3/16" with NF100MWH	NWH300, NF100MWH
Indoor Remote Stations						
NRS104WH (4-wire)	White	5-1/2"	5-1/2"	1-7/16"	1-1/4" with NF300RWH Frame	NF300RWH
NRS103WH (3-wire)						
Outdoor Remote Stations						
NPS104WH (4-wire)	White	5-1/2"	5-1/2"	-	4-3/8" with NRKS200PWH Frame	NRKS200PWH
NPS103WH (3-wire)						

Intercom Door Speaker Options for: NM100 and NM200

Order Rough-in PLUS finish kit to make a complete unit.

Finish Kit Model No.	Finish	Width	Height	In-Wall Depth	Projects	Rough-In Model No.
Door Speakers						
NDB300AB	Antique Brass	4-3/16"	6-5/16"	1-3/8"	1-9/16"	NRKR300D, NF300DWH
NDB300BB	Bright Brass	4-3/16"	6-5/16"	1-3/8"	1-9/16"	NRKR300D, NF300DWH
NDB300N	Nickel	4-3/16"	6-5/16"	1-3/8"	1-9/16"	NRKR300D, NF300DWH
NDB300WH	White	4-3/16"	6-5/16"	1-3/8"	1-9/16"	NRKR300D, NF300DWH

Intercom Options:

See p. 15 for chime modules and audio wall plate, p. 13 for intercom speakers and volume control and p. 14 for update and surface frames.

NDB300 Series Door Speakers

This line of Door Speakers have a voice communications interface that mounts adjacent to an entry door. Two-way voice communication with the resident occurs through the unit's built-in speaker. The door station mounts recessed in the wall using an NRKR300D Door Speaker Rough-in. This series of door speakers are for use with the NM100 and NM200 'Master' stations only.

Finish Options:

NDB300AB – Antique Brass finish

NDB300BB – Bright Brass finish

NDB300N – Nickel finish

NDB300WH – White finish

(All models feature a lighted chime pushbutton)

The NM100 3-wire remote stations are designed to work with NuTone® IWA3 3-wire flat ribbon cable. The NM100 4-wire remote stations are designed to work with NuTone® IW4 and M&S 4-wire flat ribbon cable, NuTone® NW4S shielded 4-wire cable and M&S MS4XSC shielded 4-wire cables. The door speakers are designed to work with NuTone® NW4S and M&S MS4XSC shielded cable. Using these cables enables full system performance and minimizes outside interference, dimmer noise, radio frequency interference and other reception problems. If wire other than NuTone® specified wire is used in the installation of a NuTone® Radio Intercom, the Warranty shall not be applicable to any defects or problems relating to the use of non-NuTone® specified wire.

NM200 and NM100 Volume Control and Speakers



NA300MCWH

NA300MCWH – Volume Control

The NA300MCWH Volume Control (White) mounts in a single-gang J-box and includes a standard white wall plate. The volume control is designed for 45-ohm intercom speakers in the NM line of intercoms.



NS382CWH

NS382CWH – Indoor 8" 2-Way In-Ceiling Intercom Speaker

The NS382CWH In-Ceiling Intercom Speaker is an 8", 2-Way 45-ohm, recessed speaker designed for use with NM intercom systems. The speaker frame is white with a white metal grille. No rough-in frame is required.



NS382OBL

NS382OWH

NS382OWH – White Outdoor 8" 2-Way Intercom Speaker

NS382OBL – Black Outdoor 8" 2-Way Intercom Speaker

These Outdoor Intercom Speakers are 45-ohm, 2-way, weather-resistant cube speakers. The speaker pair is supplied with an aluminum hanger bracket and hardware.

Intercom Speaker Options for NM100 and NM200

Order Rough-in PLUS finish kit to make a complete unit.

Finish Kit Model No.	Finish	Width	Height	In-Wall Depth	Projects	Rough-In Model No.
Indoor 45 Ohm Intercom Speaker & Volume Control						
NS382CWH	White	10-5/8" Dia	10-5/8" Dia	3-11/16"	5/8"	–
NA300MCWH	White	2-3/4"	4-1/2"	7/16" plus J Box	13/16"	Single-Gang J Box
Outdoor 45 Ohm Intercom Speakers						
NS382OBL	Black	8"	5-1/4"	–	4-1/4" Depth	–
NS382OWH	White					

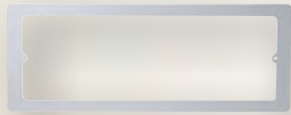
Intercom Options:

See p. 15 for chime modules and audio wall plate and p. 14 for update and surface frames.

NM Series – Surface, Update Frames and Rough-ins



NRKS200PWH



NF200MWH



NF100MWH



NF300DWH



NF300RWH

NRKS200PWH – Outdoor Remote Station Surface Mount Frame

The NRKS200PWH Outdoor Remote Station Surface-mount Frame is used to rough-in outdoor remote stations used with an NM200 installation. This plastic frame is compatible with the NPS200WH Outdoor Remote Station.

NF200MWH – 'Master' Frame

The NF200MWH 'Master' Frame is used in installations where a gap is exposed around the master mounting hole. The frame is designed to fit NM200 and NM100 'Master' Stations.

NF300RWH – Indoor Remote Station Retrofit Frame

The NF300RWH Indoor Remote Station Retrofit Frame is used in retrofit intercom installations when replacing older indoor remote stations with NRS103, NRS104 or NRS200 Indoor Remote Stations.

NF100MWH – 'Master' Retrofit Frame

The NF100MWH 'Master' Retrofit Frame (White) is used in retrofit intercom installations when replacing a master only system with an NM100 or NM200 'Master' System in a 6-wire retrofit installation.

NF300DWH – Door Speaker Retrofit Frame

The NF300DWH Door Speaker Retrofit Frame is used in retrofit intercom installations when replacing a non-NM series NuTone door station. This retrofit mounting frame fits the NDB300BB, NDB300AB, NDB300WH and NDB300N Door Speakers.

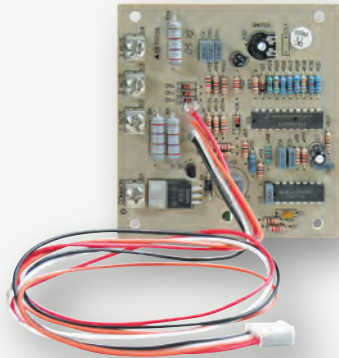
NM Series Surface and Update Frames

Frames	Finish	Width	Height	In-Wall Depth	Projects	Rough-In Model No.
NF200CAL	Almond	16-1/8"	11-7/8"	–	2-1/2" with 'Master' Station & CD Player	NWH300C
NF200MWH	White	16-5/16"	6-1/4"	–	1-3/16" with 'Master' Station	NWH300
NF100MWH	White	17-1/2"	10-5/8"	–	1-3/16" with 'Master' Station	NWH300
NF300RWH	White	7-1/2"	10"	–	1-1/4" with Remote Station	Replacement installation, use existing rough-in
NRKS200PWH	White	5-7/8"	7-7/8"	–	4-3/8" with Outdoor Station	–
NF300PWH	White	7-1/2"	10"	–	1-1/4" with Remote Station	Replacement installation, use existing rough-in
NES300DBL	Black	5-15/16"	3-13/16"	–	2-3/16" with Door Speaker	–
NES300DWH	White	5-15/16"	3-13/16"	–	2-3/16" with Door Speaker	–
NF300DWH	White	4-7/8"	6-5/8"	–	1-9/16" with Door Speaker	Replacement installation, use existing rough-in
NRKS300R	White	9-7/16"	11"	–	4-5/16" with Remote Station	–

NM Series Rough-ins

Rough-Ins	Finish	Width	Height	In-Wall Depth	Projects	Rough-In Model No.
NWH300	Metal	14-3/8"	5-9/16"	3-1/2"	No projection with 1/2" or thicker finish wall surface	–
NRKR200R	Metal	5-15/16"	5-3/4"	7/16"	No projection with 1/2" or thicker finish wall surface	–
NRKF200P	Plastic	4-13/16"	4-7/8"	2-13/16"	–	–
NRKR300D	Metal	3-5/8"	5-3/4"	2-3/8"	–	–

NM200 and NM100 Accessories



NA3003C

NA3003C – 3-Note Chime Module

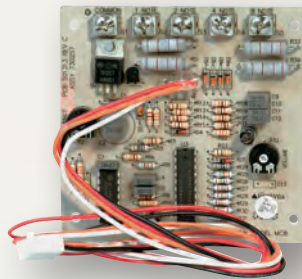
The NA3003C 3-Note Chime Module can be installed in either NM100 or NM200 'Master' Stations. To announce a visitor, the intercom system's door chime sounds when the chime button is pressed on a door speaker connected to the intercom. The module can be set to play one, two, or three notes with a different chime for each door.

NA3008C – 8-Note Chime Module

The NA3008C 8-Note Chime Module can be installed in either NM100 or NM200 'Master' Stations. To announce a visitor, the intercom system's door chime sounds when the chime button is pressed on a door speaker connected to the intercom. The module can be set to play one, two, four, or eight notes with a different chime for each door.

NW4S – Shielded Cable, 22 gauge

The NW4S Shielded Door Station Cable is 4-conductor, 22 gauge, shielded cable. The cable is supplied in a 75 foot roll. This cable is typically used to connect NM Series door stations to NM200 and NM100 systems.



NA3008C



IA30WH

Chime Model Option for: NM100 and NM200

Module mounting inside Master Station

Finish Kit Model No.	Finish	Width	Height	In-Wall Depth	Projects	Rough-In Model No.
NA3003C	–	3-1/4"	3-1/4"	Chime module mounts inside 'Master' station		
NA3008C	–	3-1/4"	3-1/4"	Chime module mounts inside 'Master' station		

NM100, NM200 Intercom Accessories

Order Rough-in PLUS finish kit to make a complete unit

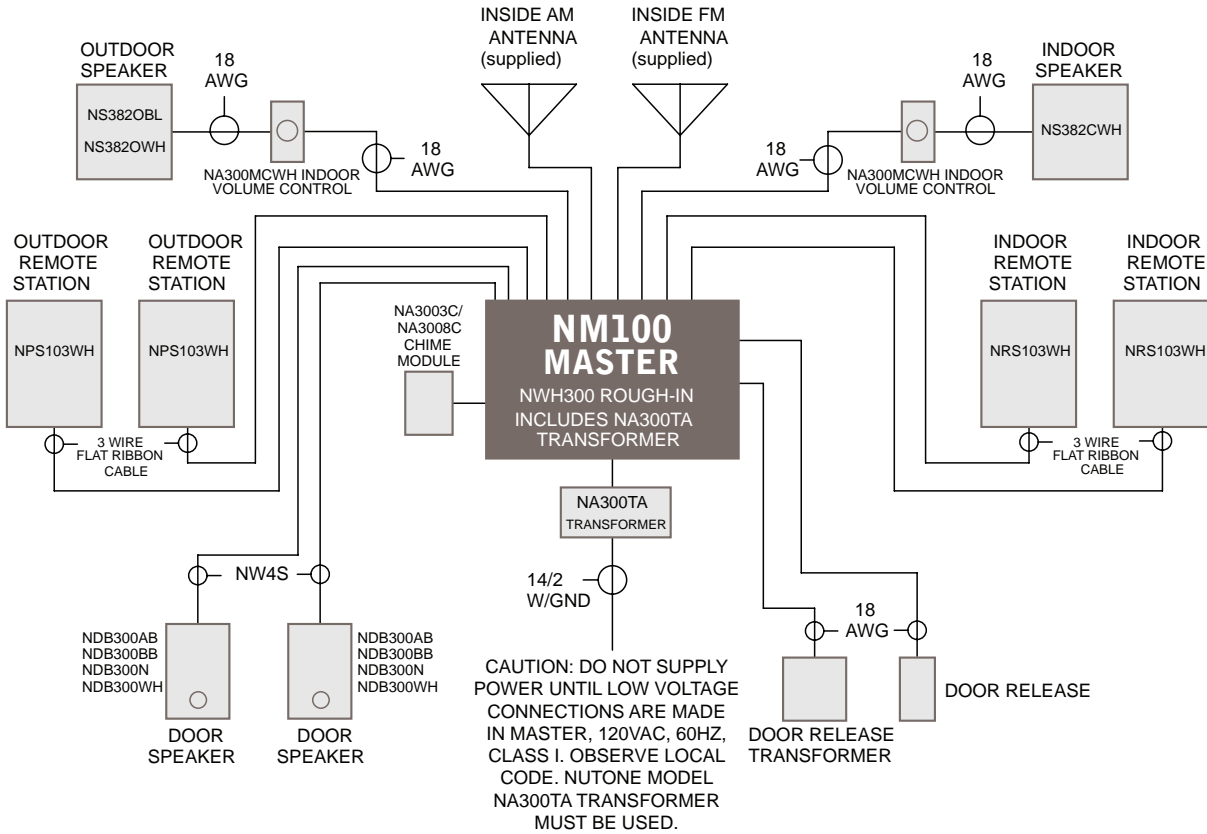
Finish Kit Model No.	Finish	Width	Height	In-Wall Depth	Projects	Rough-In Model No.
Transformers						
NA200TA	–	6-5/8"	4-5/8"	3-3/4"	–	–
NA300TA	–	6-5/8"	3-3/4"	3-11/16"	–	–
Cable						
NW4S	–	–	–	–	–	–

Intercom Options:

See p. 13 for intercom speakers and volume control and p. 14 for update and surface frames.

Wiring Diagrams

3
Wire

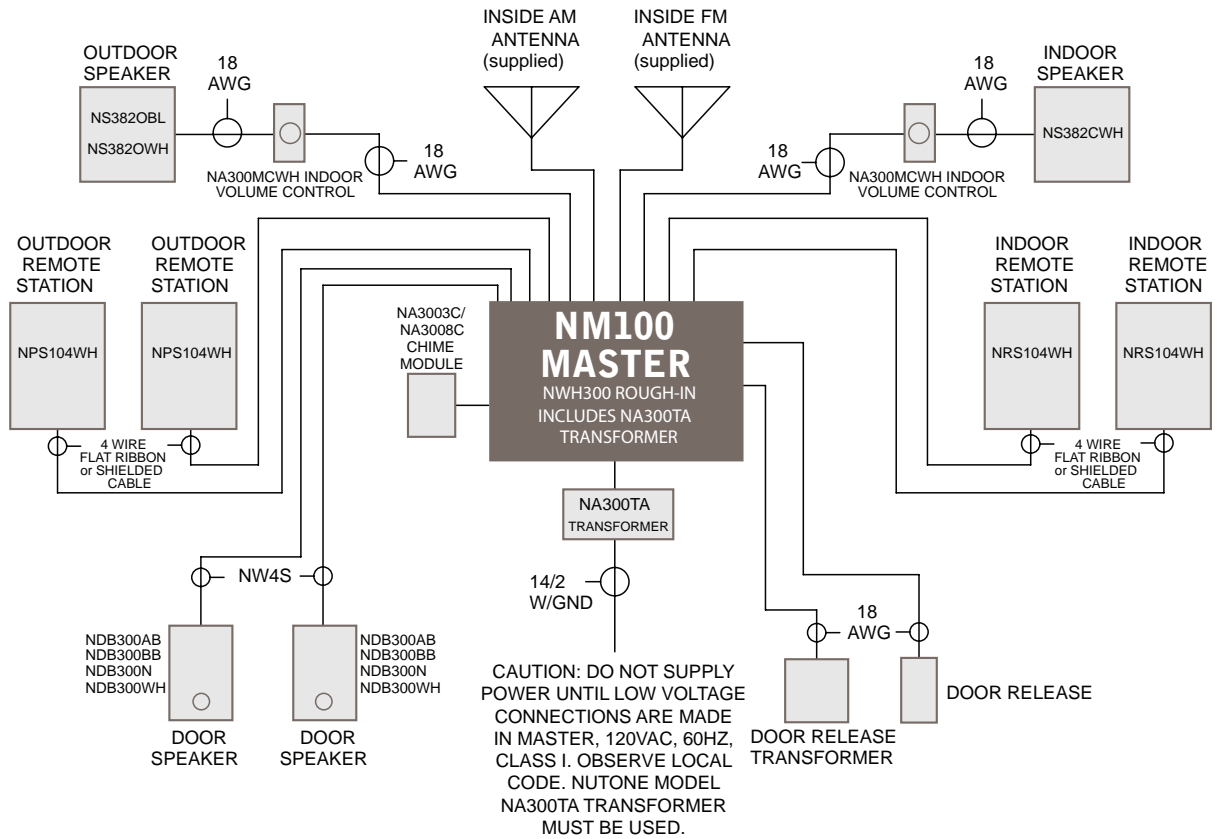


NM100 4 Remote Station System (3-wire)

Quantity	Model	Description
1	NM100WH	'Master' Station
1	NWH300	'Master' Rough-In
1	NF100MWH	'Master' Retrofit Mounting Frame
4	NRS103WH	Remote Stations
4	NF300RWH	Remote Station Retrofit Mounting Frame
1	NDB300WH	Door Speaker
1	NF300DWH	Door Speaker Retrofit Mounting Frame

Components must be ordered separately.

4
Wire

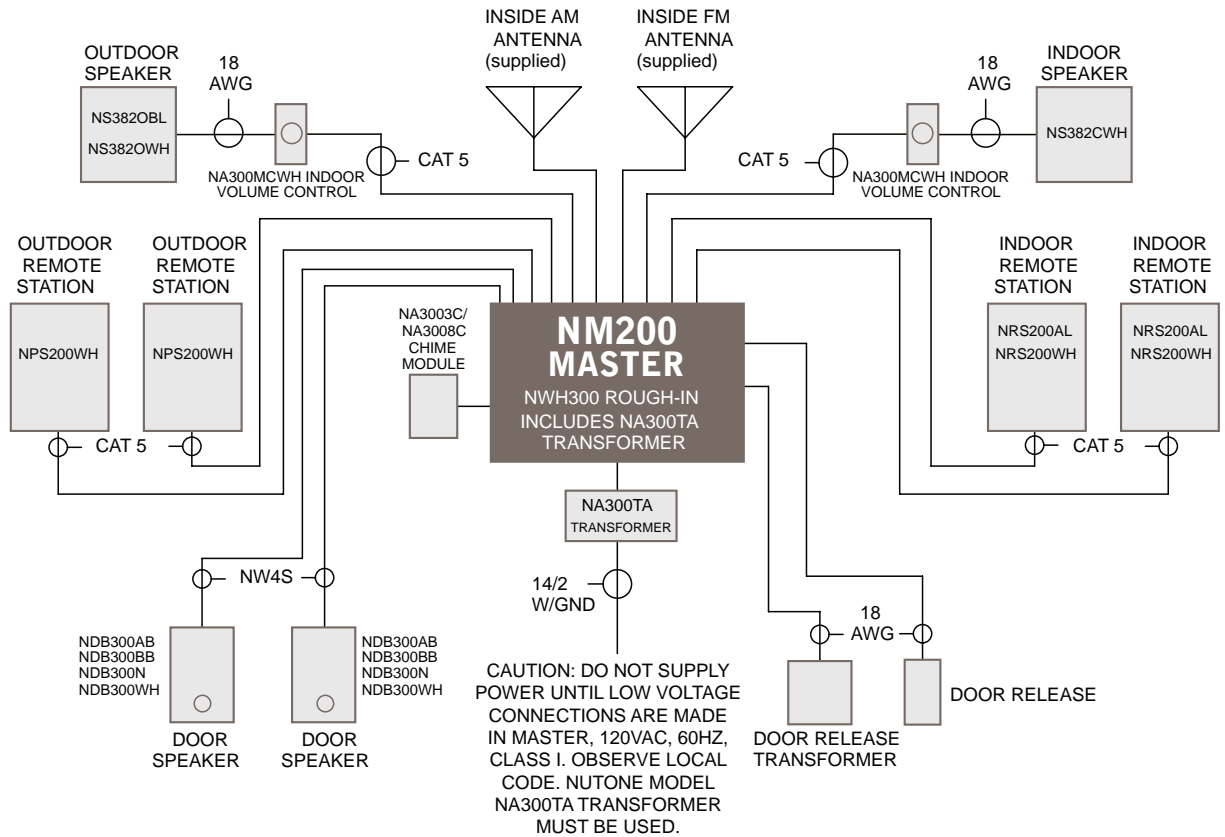


NM100 4 Remote Station System (4-wire)

Quantity	Model	Description
1	NM100WH	'Master' Station
1	NWH300	'Master' Rough-In
1	NF100MWH	'Master' Retrofit Mounting Frame
4	NRS104WH	Remote Stations
4	NF300RWH	Remote Station Retrofit Mounting Frame
1	NDB300WH	Door Speaker
1	NF300DWH	Door Speaker Retrofit Mounting Frame

Components must be ordered separately.

Wiring Diagrams

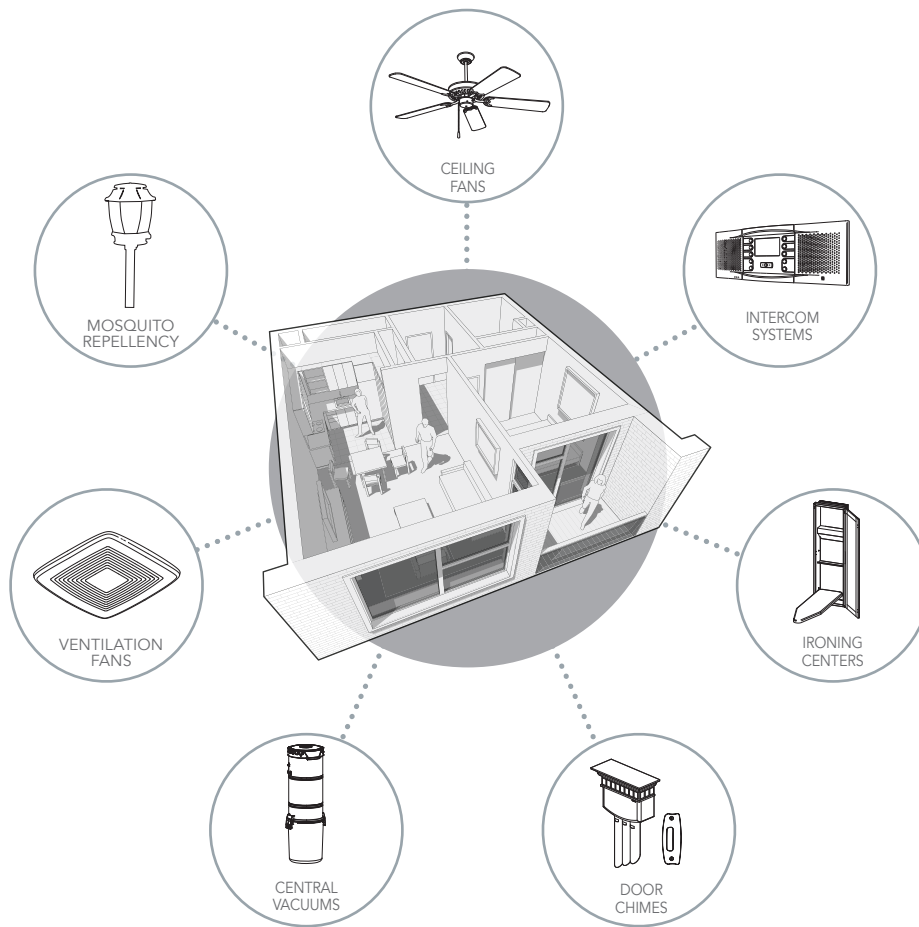


NM200 4 Remote Station System

Quantity	Model	Description
1	NM200WH	'Master' Station
4	NRS200WH	Remote Stations
1	NDB300WH	Door Speaker
1	NRKRWH300	'Master,' Remote Station and Door Speaker Rough-Ins

Components must be ordered separately.





**COMFORT. CONVENIENCE. EFFICIENCY.
WELCOME TO A NUTONE HOME.**

NuTone® is America's leading brand of residential built-in convenience products including door chimes, central vacuum systems, intercom systems, ceiling fans, ironing centers, backyard lighting and mosquito repellent systems, and ventilation fans.

NuTone®
A Broan Company

www.NuTone.com

Broan • 926 W. State Street
Hartford, WI 53027 • **888-336-3948**
In Canada call **877-896-1119**



0 26715 15248 3