



BE HEARD ABOVE ALL

INC REMOTE SPEAKER MICROPHONE

High-decibel noise. Heavy machinery. Loud crowds. They can compete with and drown out your communications. That's why you need the Motorola INC (Industrial Noise Canceling) Remote Speaker Microphone (RSM) – to unleash the power of your radio and be heard above all.

Whether you're in a mill or a manufacturing plant, the INC RSM is optimized to perform with MOTOTRBO™ radios in extremely noisy, dirty and difficult environments. With its rugged construction and exceptional noise canceling, you can hear and be heard in extreme noise environments. Now you can work safely and be more productive in your workplace.

Combine the no nonsense, noise-canceling INC RSM with our best-in-class MOTOTRBO radios and together you'll rethink what's an accessory – and what's a necessity.

SUPPRESSES EXTREME NOISE SO YOU HEAR CLEARLY

Put the INC RSM in the harshest conditions and it handles them best. It overcomes extreme noise and

excessive conditions, from pounding jackhammers to banging equipment. An innovative dual-microphone design suppresses background noise so your message gets through. And the large 1-watt speaker delivers the loudest, clearest audio available – up to 25% more than other MOTOTRBO RSMs – so you can hear above very high level noise.

WEAR IT WHILE YOU WORK AND COMMUNICATE FREELY

The INC RSM makes it easy to get the work done without getting in the way. Even though best practices is to speak directly into your RSM, the INC RSM allows you to clip the RSM to your shoulder or lapel and talk freely with a touch of the prominent push-to-talk button.

EASY TO CLEAN DIRT, GRIT AND DEBRIS

Construction grit, debris and fine particles can clog remote speaker microphones and reduce the quality of your voice transmissions, but the INC RSM shrugs it off with ease. Simply vacuum out the speaker grill (when dry), then brush out the debris using soapy water, rinse and you are ready to go.*

* For full cleaning instructions, please refer to the INC Remote Speaker Microphone Cleaning Procedures manual that ships with your microphone.



NNTN8382
IP57 Submersible



NNTN8383
includes threaded
3.5mm audio jack

PRODUCT SPEC SHEET
INDUSTRIAL NOISE CANCELING (INC) RSM

NNTN8382: IMPRES™ REMOTE SPEAKER MICROPHONE, IP57 SUBMERSIBLE
NNTN8383: IMPRES™ REMOTE SPEAKER MICROPHONE WITH THREADED 3.5MM AUDIO JACK

MICROPHONE ACOUSTICS

Model Type	Dual microphone noise canceling
Sensitivity	- 42dBV typical @ 94 dB SPL
Distortion (THD)	< 3% from 300 to 3200Hz

SPEAKER ACOUSTICS

Diameter	45 mm
Nominal Output Level (@ 1kHz, 0.5W, 30cm)	90dB SPL
Maximum Output Level (@ max volume, 1 kHz, 0.5W, 30cm)	97dB SPL, nominal
Frequency Response	300 - 3200Hz
Distortion (THD)	< 15% @ 1kHz @ rated audio

BODY

Size (W x L x D)	63 x 93 x 34 mm (w/o clip)
Weight	240 g

BATTERY LIFE (IN HOURS)

XPR 7550, UHF, 5/5/90	Analog		Digital	
	GPS and Bluetooth On, Option Board and Backlight Off	GPS and Bluetooth Off, Option Board and Backlight 30%	GPS and Bluetooth On, Option Board and Backlight Off	GPS and Bluetooth Off, Option Board and Backlight 30%
Radio only				
1500 mAh battery	7.3	6.7	9.2	8.6
2150 mAh battery	10.5	9.7	13.2	12.4
Radio with INC RSM				
1500 mAh battery	6.8	6.3	8.3	7.9
2150 mAh battery	9.7	9	12	11.3

Estimated impact on battery life with the INC RSM attached and various options activated on the radio. These are estimates and your battery life will vary based on actual usage.

CABLE

Length	6-foot coiled cord
Flex Life	100,000 cycles
Pull Strength	40 lbs, minimum tensile, in-line

CONTROLS

Volume	Up/Down toggle with 8 steps and ramp on hold
Audio Jack	3.5mm threaded jack on microphone cord

COMPATIBLE RADIOS:

XPR 7550, XPR 7350, XPR 6550, XPR 6580, XPR 6500, XPR 6350, XPR 6380, XPR 6300, XPR 6100

INC RECEIVE ONLY ACCESSORIES (COMPATIBLE WITH NNTN8383 ONLY)

BDN6719	One wire flexible ear receiver, black
BDN6781	One wire earbud, black
BDN6664	One-wire earpiece, beige
BDN6665	Extra loud one-wire earpiece, beige
BDN6726	One-wire earpiece, black
BDN6727	Extra loud one-wire earpiece, black
BDN6666	One wire earpiece with volume control, beige
BDN6728	One wire earpiece with volume control, black
RLN5314	One wire earpiece with clear acoustic tube, beige
RLN5313	One wire earpiece with clear acoustic tube, black
RMN4056	Dual muff headband style headset
RMN4057	Dual muff hardhat mount headset

ENVIRONMENTAL SPECIFICATIONS

Operating Temp	-30°C to +60°C
Storage Temp	-55°C to +85°C
Thermal Shock	MIL-STD 810G 503.x, Procedure 1
Humidity	MIL-STD 810G 507.x, Procedure 2
Rain	MIL810G 506.5
Salt/Fog	MIL810G 509.5, Procedure 1
Dust	MIL810G 510.5, Procedure 1
Vibration	MIL810G 514.6, Procedure 1, Category 24
Mechanical Shock	MIL810G 516.6, Procedure 1
ESD	IEC/EN61000-4-2
IP Rating	NNTN8382 - IP57 NNTN8383 - IP54

REPLACEMENT PART NUMBERS

NNTN8522	Replacement Cable for NNTN8382
NNTN8523	Replacement Cable for NNTN8383
4205823V01	Belt/Lapel Clip
4205823V09	Belt/Lapel Clip with D-ring
NNTN8524	Dust Cap for 3.5mm threaded jack
0378372A01	Thumb Screw for accessory connector

HEAR CLEARLY ABOVE THEM ALL

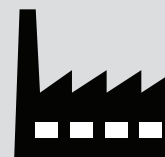
HEAVY EQUIPMENT AND MACHINERY NOISE



JACKHAMMERS AND CONSTRUCTION SITES



FOOD PROCESSING, AUTOMOTIVE AND WELDING PLANTS



POWER PLANTS, UTILITY INSTALLATIONS AND MORE



To learn more about INC Remote Speaker Microphone, contact your Motorola representative or visit motorolasolutions.com/mototrbo.

Specifications subject to change without notice.

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