



# nomade

## USER'S MANUAL



### Techniques Audio Groupe

Route de Lavérune  
Montée du Terral  
34430 Saint Jean de Védas  
FRANCE

Tel : +33 (0)4 67 27 43 05  
Fax : +33 (0)4 67 27 85 64  
[contact@tag-fr.com](mailto:contact@tag-fr.com)  
[www.tag-fr.com](http://www.tag-fr.com)



**SUMMARY**

**INTRODUCTION** Page 3

**ADVICE FOR A GOOD USE** Page 3

**BASIC EQUIPMENT** Page 4

- 1 LINE INPUT Page 4
- TONE ADJUSTMENTS Page 4
- LINE OUTPUT, SPEAK OUTPUT Page 4
- MASTER VOLUME CONTROL Page 4
- BATTERY Page 5
- CONTROL LEDS Page 5

**OPTIONS** Page 6

- WIRELESS RECEIVER SDR-6216M Page 6
- HANDHELD MIC/TRANSMITTER SQ-5016 Pages 6-7
- BELT TRANSMITTER SM-5016 Pages 7-8
- CHARGERS Page 9
- PIED SPS 4 AND TROLLEY Page 9

**TECHNICAL DATA** Page 10



# TECHNICAL DATA

<b>nomade</b>	
<b>Basic Equipment</b>	
RMS Power	70 Watts / 4 ohms
Speaker	1 woofer 10" - 25 cm / 1 compression driver 1"
Power Requirements	Operates on AC 220v
Frequency Response	60 Hz - 20 KHz
Lead Battery	Built-in battery 9 Ah - 12 V Fast automatic battery charger integrated
Working Time	3 -6 hours on built in battery / unlimited on AC main
Input	1 XLR Line input
Outputs	Master volume control allows Nomade to work like a mixer. XLR LINE out Output speaker Jack 6.35
More Information	Drop handle 35 mm (1.43") flange for floor stand Dimensions: 52 x 32,5 x 31,5 cm / 20.5 x 12.8 x 12.4" Weight : 13 kg / 28.6 lbs Black plywood cabinet
<b>Option</b>	
1 Wireless System	1 UHF 16 frequency receiver: SDR-6216M

# INTRODUCTION

Thank you for choosing NOMADE. To ensure the best performance and get the maximum life out of the equipment, we recommend that you read this manual carefully.

NOMADE is an active annex cabinet where one wireless system can be integrated. This annex cabinet can be used with the lectern Flash or with the PA systems Xpresso for example either in wired or wireless link.

# ADVICE FOR A GOOD USE

- ✓ Charge the sound system before use.
- ✓ Do not use the sound system in a humid or dusty place, or near any heat sources such as radiators, heat registers, neither under the sun or at very low temperatures.
- ✓ Place the sound system in a ventilated place.
- ✓ Be careful when moving this unit in order not to damage the electronics.
- ✓ Carry the sound system with caution.
- ✓ Do not forget to decrease the volume switch before turning off the sound system.
- ✓ Handle the control switches carefully.
- ✓ Clean the sound system regularly.
- ✓ Keep the carton in case of return. Transport will be safe and without any risk of damage.



The exclamation point inside an equilateral triangle indicates the existence of internal components whose substitution may effect safety. Also indicates important operating instructions.



The lightning and arrowhead symbol warns about the presence of uninsulated dangerous voltage. To reduce the risk of electric shock, do not remove the cover. Refer servicing to qualified personnel.



# BASIC EQUIPMENT



### ON/OFF BUTTON

Use this button to switch on/off the device.



### SELECTING SWITCH

NOMADE allows to select the audio signal input. This button must be on HF when use as a wireless link and on LINE in case of use as a wired link.



### 1 XLR LINE INPUT

NOMADE is equipped with 1 XLR Line input enabling connection to Xpresso or any other sound system. To do this, connect the LINE OUT output for Xpresso or for Flash, to the Line input of Nomade. The sound corrections on the Master are directly linked to the NOMADE including the volume control.



### POWER SUPPLY INPUT

220 Volts power supply input. Allows working on AC main and battery loading of the NOMADE. It is recommended to use the provided cable for recharge.



### LINE OUT

NOMADE is equipped with 1 XLR line output so as to link it to another NOMADE or to any sound system. Simply connect the NOMADE Line out to the Line in correspondent product.



### SPEAK OUT

NOMADE is equipped with an amplified jack output (diameter: 6,35) to connect NOMADE to a passive speaker, ref: SP10, signal cable: CH15.

## CAUTION : WIRE CONNECTION

Never connect a speaker with more than 4 ohms. This could damage the amplifier.



### MASTER LEVEL

It is the general volume control output.

### HC-30 Charger for the microphone, HC-37 for the belt transmitter

Handheld microphones and beltpack transmitters can be reloaded. The charger HC-30 is for the handheld microphone SQ-5016. The charger HC-37 is for handheld microphone SM-5016. Before loading check that the batteries are rechargeable ones.



HC-30



HC-37

### PIED SPS 4

Hand crank tripod stand is delivered with a bag. Height: 1,25-2,05 m / 49.2-80.7". Max load: 70 kg / 154 lbs.



### TROLLEY C-50X

The trolley bag C-50X was especially developed for NOMADE.

It exists 2 possibilities to carry NOMADE:

First of all you can use the trolley bag like a modern suitcase. It has wheels so you can roll it behind you. The plastic handle for it is situated on the top.

Secondly, you can use this trolley like a sport bag. You have 2 long handles; 1 on each side of the bag.

The small handle located on the top of the trolley helps the customer to put up the bag. Never use it to carry NOMADE!



Do not use this handle to carry NOMADE.



### H-50EXT

H-50EXT is an outdoor protective bag especially developed for NOMADE.



### Belt transmitter settings

#### 1. Making changes to CHANNEL / FREQUENCY

Use UP or DOWN button to go to the CHANNEL /FREQUENCY page. The cursor will flash to allow changes to be made. Pressing UP or DOWN button will increase or decrease the channel number. The corresponding frequency will change accordingly. When a desired channel(frequency) is being selected, repress Set for 2 seconds to save and store the data in the memory.



#### 2. Input Level Gain Control Adjustment

Low impedance (Lo-Z) " MT" & high impedance (Hi-Z) " GT" gain controls are situated inside the transmitter. Gain controls are adjustment ports that enable you to use microphones of differing output levels and Guitar or instruments with Hi-Z output. To adjust microphone (Lo-Z) input levels, turn the "MT" control and to adjust the Guitar or instrument (Hi-Z) input, adjust the "GT" gain control to set the transmitter's desired audio input level.

#### 3. Making changes to Battery selection

Use UP or DOWN button to go to the Battery selection page. Press SET for about 2 seconds to activate the cursor. Press UP or DOWN button to move the cursor to either NiMH (rechargeable battery) or AKLN (Alkaline battery) position. When the desired option has been selected, press SET for about 2 seconds to save and store the data in the memory.



### Battery Installation

SM-5016 uses 2 pieces of " AA " size batteries (Alkaline battery is recommended ). To install or remove the batteries, press the release buttons at the edges of the transmitter to open or close the cover as illustrated below.



### ⓘ CAUTION: BATTERY

For rechargeable batteries we strongly recommend NiMH batteries, no alkanies. Wrong batteries can damage the microphone functions. Check battery status. Many batteries are known to have leakage problem of conductive and corrosive liquid. Remove the batteries if you do not plan to use the belt transmitter for a few days. Also check that transmitter and receiver are on the same channel.

### BATTERY



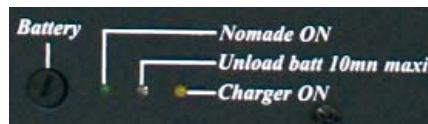
NOMADE is equipped with a lead 9Ah / 12V lead battery making lots of loadings and unloadings possible. When connected on AC main the sound system can work without time limit, while charging. Minimum autonomy: 3 hours, maximum: 6 hours.

It is a battery drawer allowing quick and easy replacement if necessary. To do so, unlock the two screws and disconnect the two power threads while respecting the polarity.

### ⓘ CAUTION: BATTERY LOADING

NEVER STOCK THE EQUIPMENT WITHOUT HAVING RELOADED IT. It is recommended to switch of the equipment while loading to ensure a full battery recharge.

### CONTROL LEDS



- ✓ GREEN LED "ON":
  - The equipment is ready to work
  - The battery is loaded
- ✓ RED LED "UNLOADED BATTERY":
  - Battery has reached its time limit. Estimated working time left: from 5 and 20 minutes depending on working options.
  - If you have to use the equipment longer than the estimated time connect Nomade on AC main. No working time limit, the battery is loading simultaneously.
- ✓ ORANGE LED "CHARGER":
  - Nomade under power, switch " ON "
  - The internal automatic charger will increase battery tension up to its highest level +/- 13 V.



# OPTION NOMADE

## RECEIVER SDR-6216M

The NOMADE can be equipped with one wireless system. It can be used for the handheld MIC/Transmitter or to link Nomade from another sound system e.g. Xpresso, Flash.

On/Off + Volume



Selection of the channel LED A et B

### Technical characteristics of receiver SDR-6216M

UHF receiver, True Diversity, with Pilotone.

#### Switch on the receiver:

The switch on the right is power switch and volume control

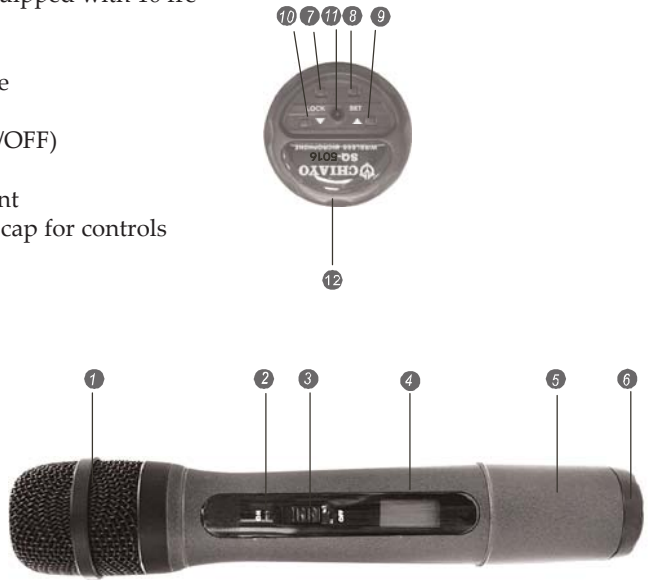
#### Switch on the handheld microphone/beltpack transmitter:

The LEDs A and B are lighting when the UHF link between transmitter and receiver is ok. Channel can be changed with the switch on the left side.

## HANDHELD TRANSMITTER MICROPHONE SQ-5016

The microphone is equipped with 16 frequencies

- 1. Microphone capsule
- 2. Battery status led
- 3. Power switch (ON/OFF)
- 4. LCD display
- 5. Battery compartment
- 6. Rotative protective cap for controls
- 7. Lock/Unlock
- 8. Set
- 9. UP
- 10. DOWN
- 11. Charging Port
- 12. Name plate



### Microphone settings

#### 1. Making changes to CHANNEL/FREQUENCY

Use UP or DOWN button to go to the Channel/Frequency page. Press on Set for 2 seconds until the cursor will flash. Pressing UP or DOWN button will increase or decrease the channel number. The corresponding frequency will change accordingly. When a desired channel is being selected, repress on Set for 2 seconds to save and store the data in the memory.

#### 2. Making changes to SENSITIVITY

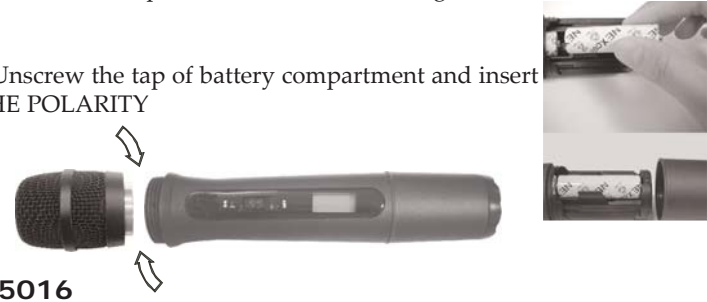
Use UP or DOWN button to go to the Set page. Press on Set for 2 seconds until the cursor will flash. Use UP or DOWN to decrease or increase sensitivity. Level: 1 - 4 . for singing, Level 4 for speech or if microphone is used with a tripod stand. Repress on Set for 2 seconds to save changes.

#### 3. Making changes to BATTERY selection

Use UP or DOWN to go to the Battery selection page. Press on Set for 2 seconds until the cursor will flash. Press UP or DOWN to move the cursor to either: NiMH (rechargeable battery) or AKLN (alkaline). When the battery has been selected repress Set to saved the changes.

### Changing Batteries

2 pieces of AA batteries are used. Unscrew the tap of battery compartment and insert the new batteries. BEWARE OF THE POLARITY



## BELT TRANSMITTER SM-5016



- 1. Antenna
- 2. Battery weak indicator
- 3. Audio mute switch
- 4. Mini-XLR connector
- 5. Power ON / OFF switch
- 6. LCD display
- 7. Charging port
- 8. Cover release button
- 9. Charging contacts
- 10. Lavalier microphone
- 11. Mic clip



- 12. SET
- 13. UP
- 14. DOWN
- 15. GT
- 16. MT