

Cassina

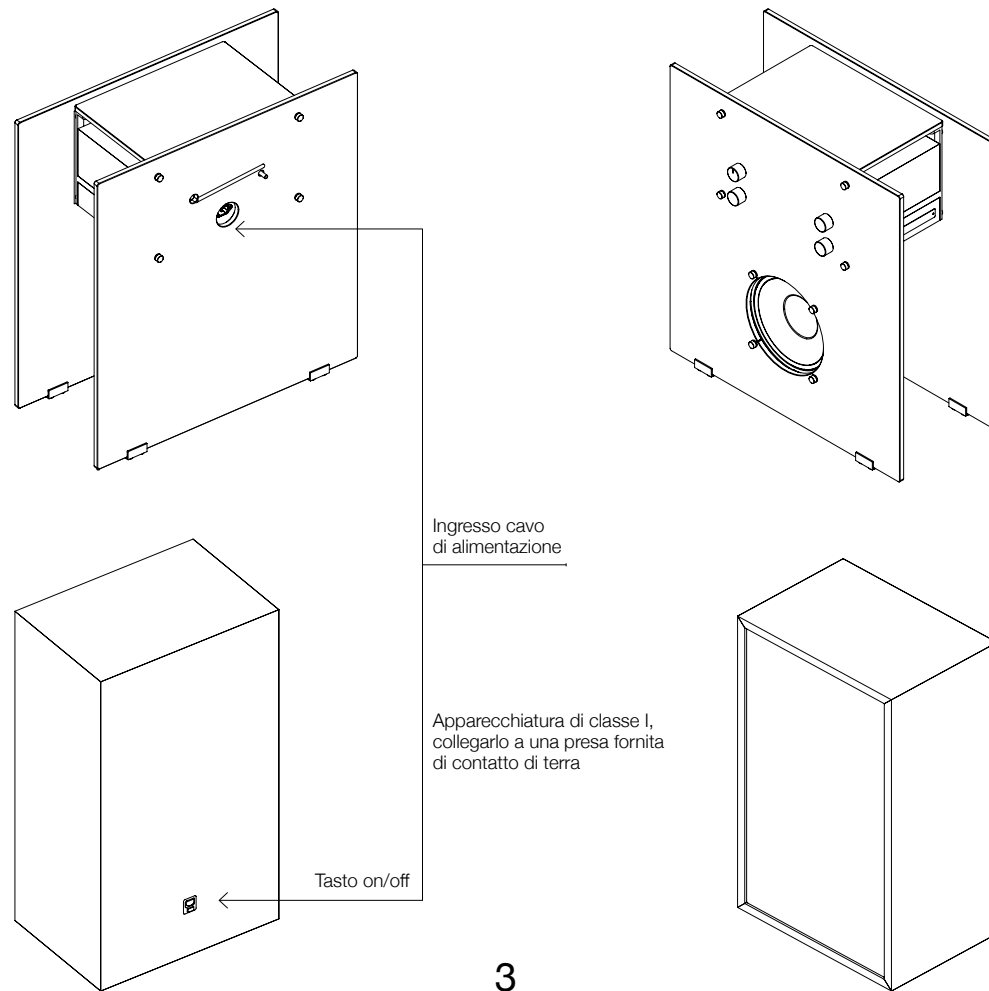
MOBILE RADIO

Franco Albini - 1938 - Cassina 2021

Storia

Questa radio è stata originariamente progettata da Franco Albini per la sua casa nel 1938. L'idea è nata da una radio in legno, ricevuta come regalo di nozze, che l'architetto ha smontato e poi rimontato per esporre i componenti elettrici essenziali. Il materiale in eccesso è stato rimosso e il dispositivo scomposto per ridurre al minimo l'impatto del contenitore e valorizzare al massimo il contenuto catturando così la vera essenza del progetto. Nel 1940 Albini presentò il progetto per una produzione in serie al concorso "Wohnbedarf" di Zurigo.

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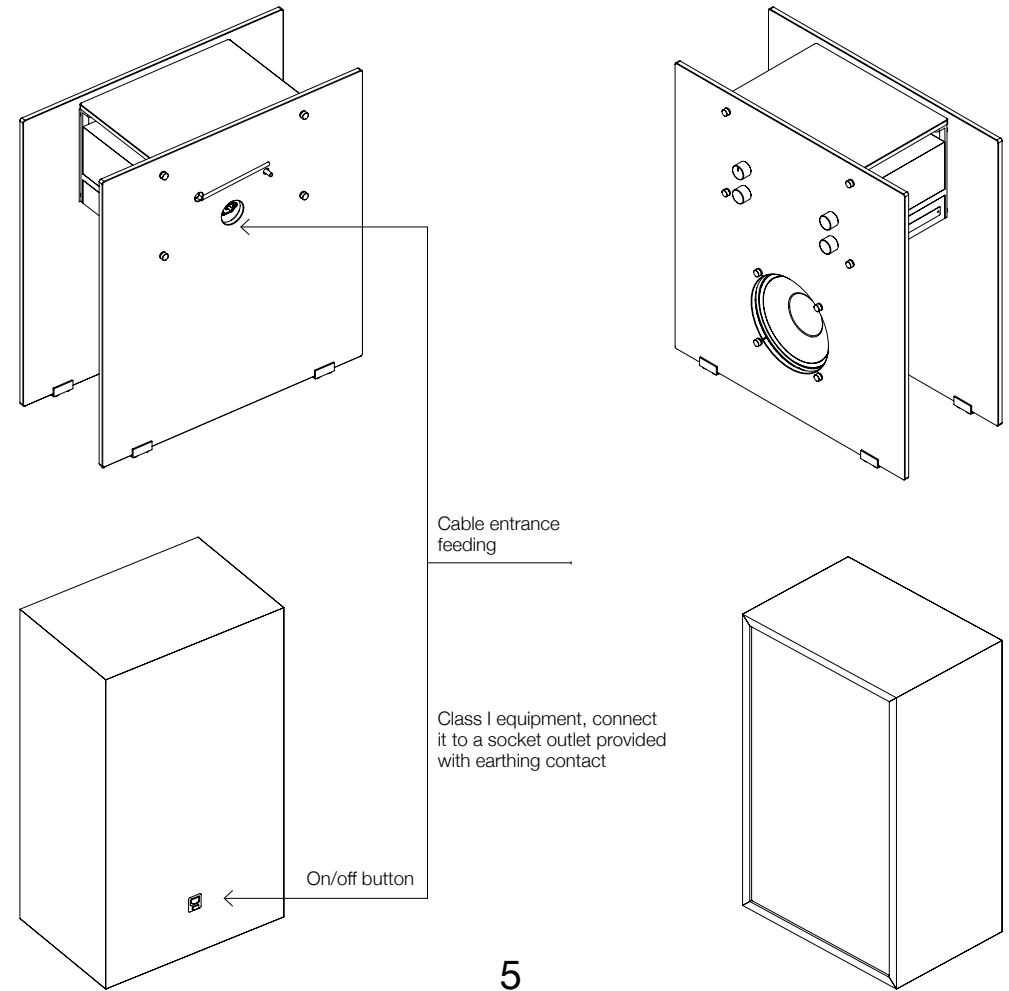


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History

Radio in Cristallo was originally designed by Franco Albini for his home in 1938. The idea was based on a wooden radio that he had received as a wedding gift, that he dismantled and then reassembled to expose its main electrical components. Excess material has been removed and the device broken down in order to minimise the impact of the container and enhance to the maximum its contents thus capturing the true essence of the radio. The design was further elaborated to include a version designed for industrial production that was officially presented at the “Wohnbedarf” competition in Zurich in 1940.

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Specifiche tecniche

Modulo radio:

Potenza di uscita amplificatore: 50W RMS

Banda passante radio: 95Hz - 19kHz

Sensibilità altoparlante: 95dB

Pre-amplificazione a valvole

Finale classe D

Parametri elettrici: $V_{in}=100-240V / 50/60Hz / P_{max}=130 W$

Modulo radio con modulo sub-woofer:

parametri combinati di mobile radio e accessorio sub-woofer opzionale.

Potenza di uscita totale combinata: 100W

Banda passante radio: 42Hz - 18kHz

Parametri elettrici: $V_{in} = 100-240V / 50/60Hz / P_{max} \text{ (radio)} =$

$= 130 W / P_{max} \text{ (sub-woofer)}=70W$

Ingressi modulo radio:

radio DAB / radio FM / Bluetooth A2DP (compatibile con iOS e Android)

Legenda



Volume



Canale
traccia



Sorgente



Menu



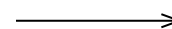
Pressione prolungata



Rotazione



Reindirizzamento
automatico



Pressione

Technical Specifications

Radio module:

Amplifier output power: 50W RMS
Radio bandwidth: 95Hz - 19kHz
Speaker sensitivity: 95dB
Tube pre-amplification
Final class D
Electrical parameters: $V_{in} = 100\text{-}240\text{V} / 50/60\text{Hz} / P_{max} = 130\text{ W}$

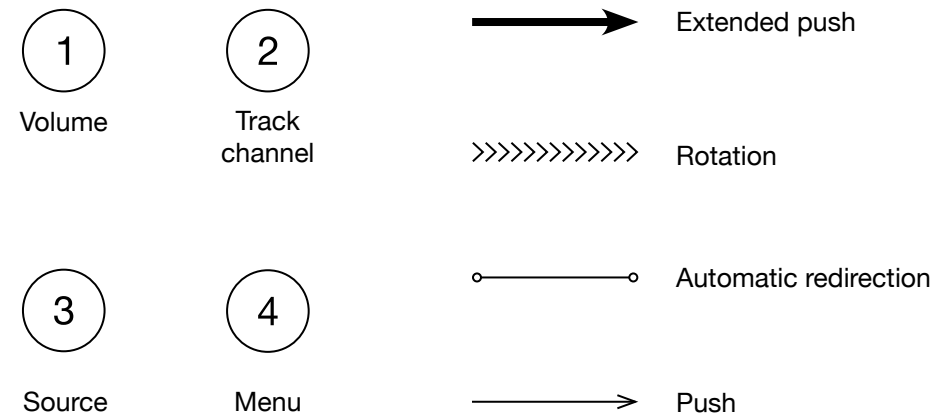
Radio Module with Sub-woofer module:

combined parameters of mobile radio and optional sub-woofer accessory.
Total combined output power: 100W
Radio bandwidth: 42Hz - 18kHz
Electrical parameters: $V_{in} = 100\text{-}240\text{V} / 50/60\text{Hz} / P_{max}(\text{radio}) = 130\text{ W} / P_{max}(\text{sub-woofer}) = 70\text{W}$

Radio Module Inputs:

DAB radio / FM radio / BlueTooth A2DP (compatible with iOs and Android)

Legenda



1

Pressione

2

1

2



Reindirizzamento
automatico



Reindirizzamento
automatico



3

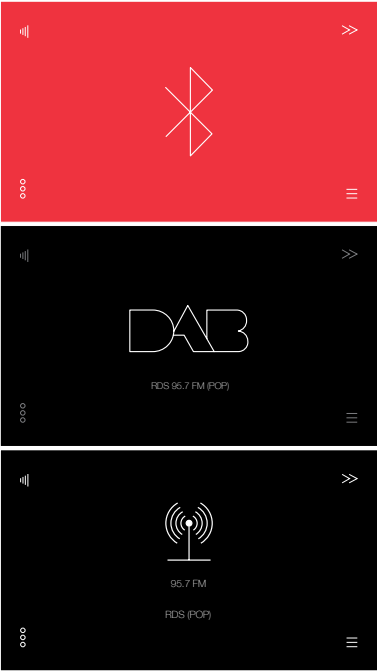
Accendere

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3

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Bluetooth

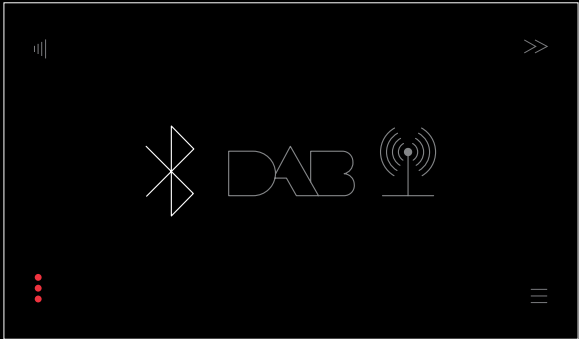


1

2

1

2



Selezione sorgente

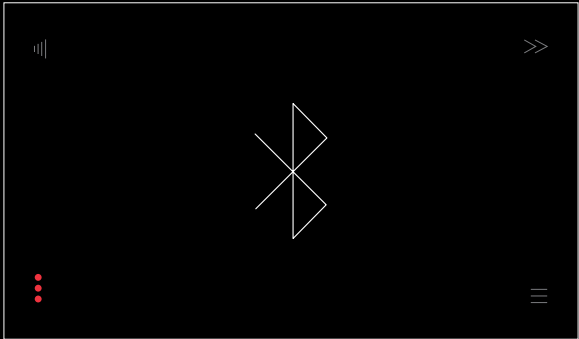
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Pressione →

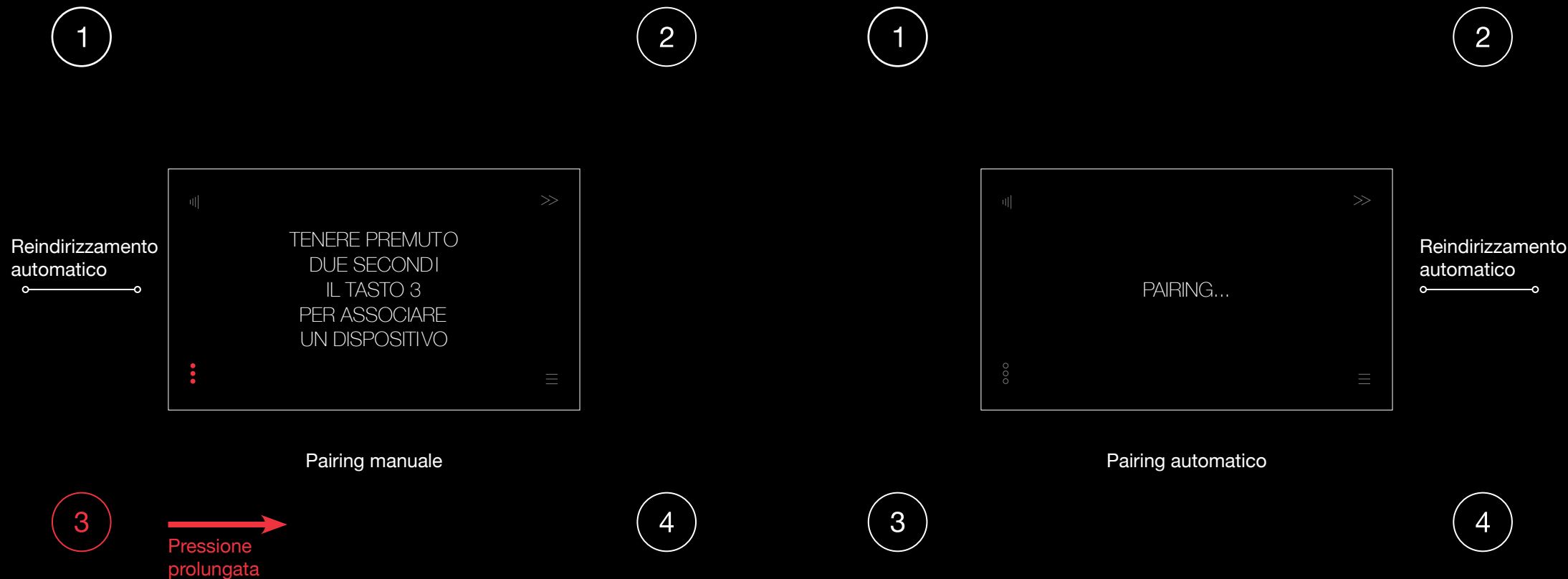
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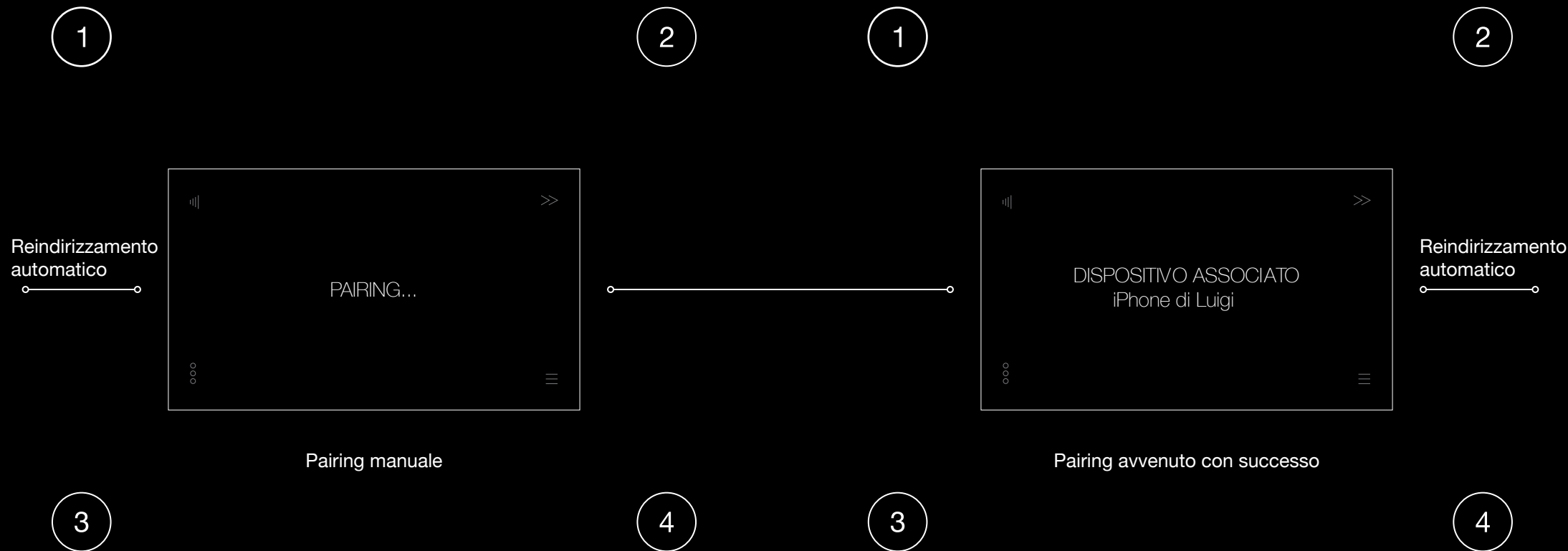
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4



Sorgente bluetooth





1

>>>>>>>>>>>>>

2

1



2

PAUL WELLER
YOU DO SOMETHING TO ME
STANLEY ROAD

Schermata iniziale Bluetooth

3

4

3

4

24

Controllo volume

25

1

>>>>>>>>>>>>>

2

1

2

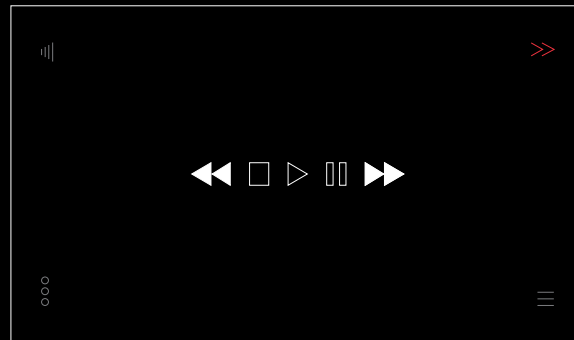
Schermata iniziale Bluetooth

3

4

3

4



Cambio traccia

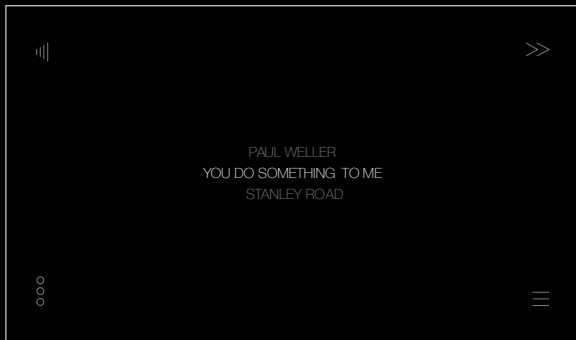
1

Pressione

2

1

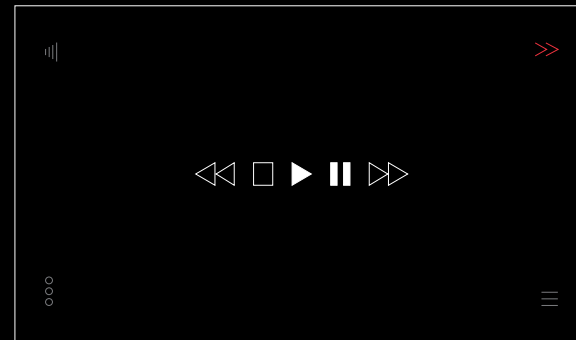
2



Schermata iniziale Bluetooth

3

4



Play/Pause

3

4

1

2

1

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Schermata iniziale Bluetooth

3

>>>>>>>>>>>>>>
Rotazione

4

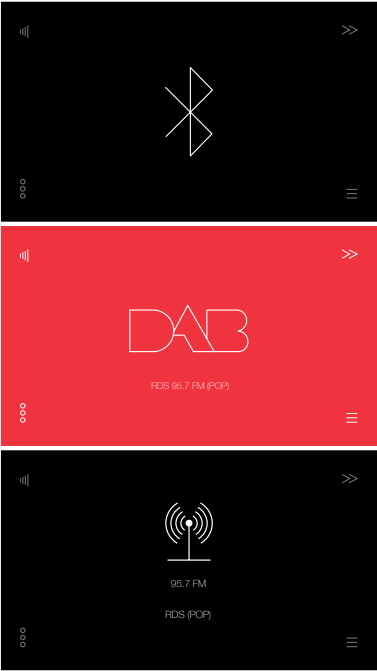
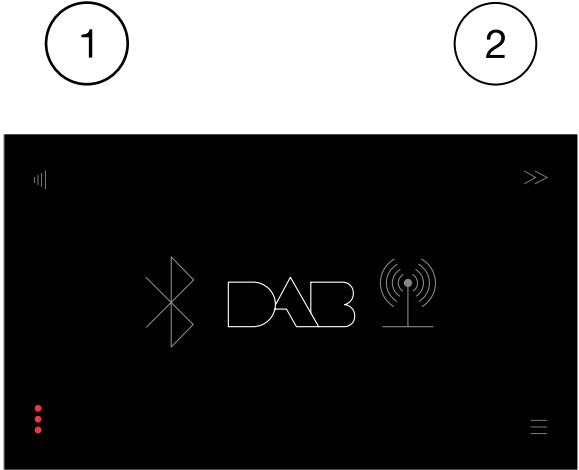
3

4



Selezione sorgente

DAB



1

3

2

1

3

2

4

1

>>>>>>>>>>>>>

2

1

2

Selezione stazione

3

4

36

Selezione stazione

3

4

37

1

→
Pressione

2

1

2



Sintonizzazione DAB

3

4



Sintonizzazione DAB

3

4

1

→
Pressione

2

1

2



Sintonizzazione DAB

3

4

3

4



Sintonizzazione DAB

1

2

1

2



Reindirizzamento
automatico



Sintonizzazione DAB

Sintonizzazione DAB

3

4

3

4

1

2

1

>>>>>>>>>>>>>>

Rotazione

2

Preferiti

3

4

44

Preferiti

3

4

45

1

Pressione

2

1

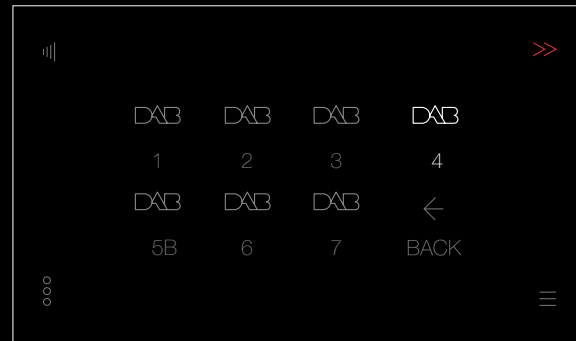
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Preferiti

3

4



Preferiti

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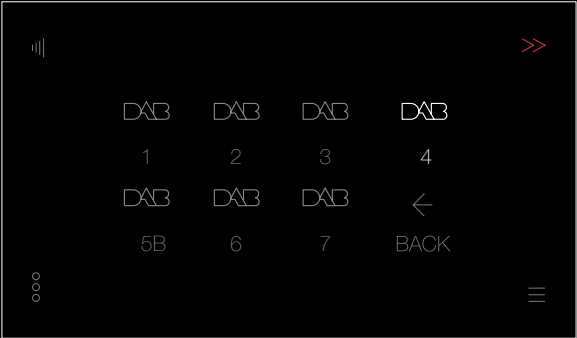
1

Pressione

2

1

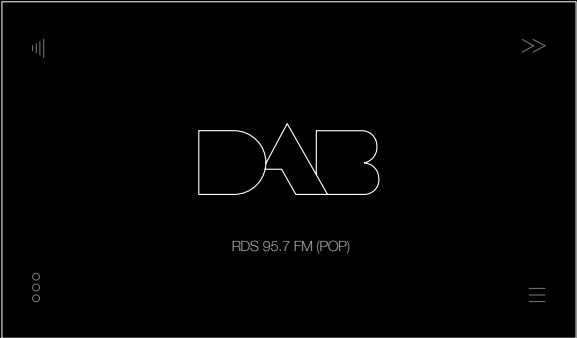
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Preferiti

3

4



Sorgente DAB

3

4

1

Pressione
prolungata

2



Memorizzazione preferiti

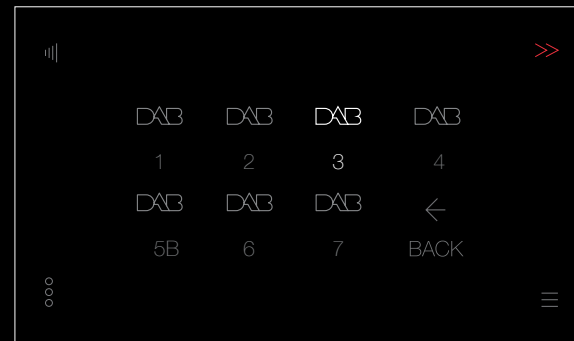
3

50

1

Rotazione

2



Memorizzazione preferiti

3

51

4

4

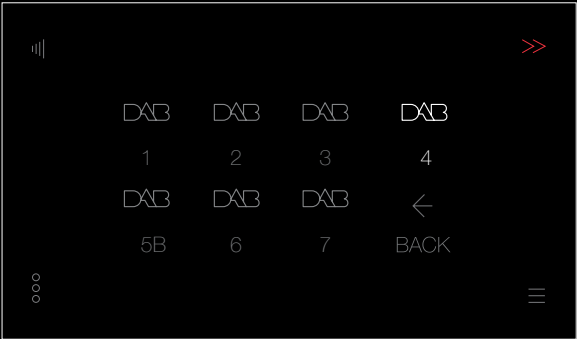
1

→
Pressione

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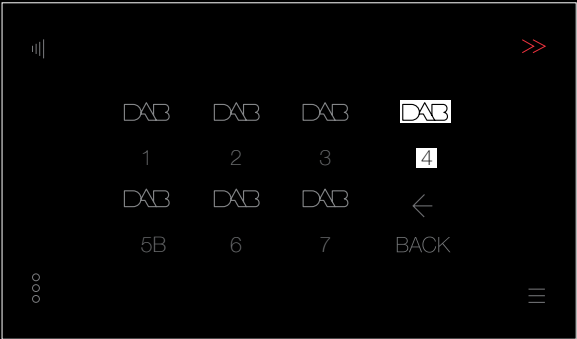
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Pressione

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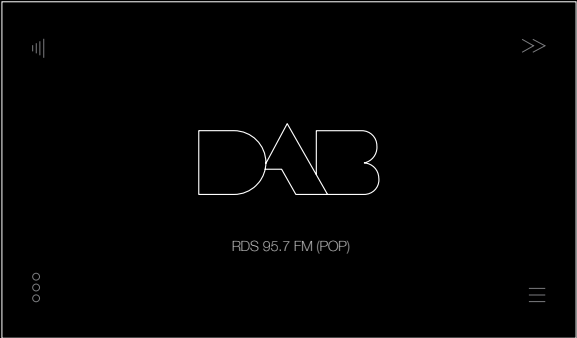
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Preferiti

3

4



Sorgente DAB

3

4

1

2

1

2

Sorgente DAB

3



4

3

4

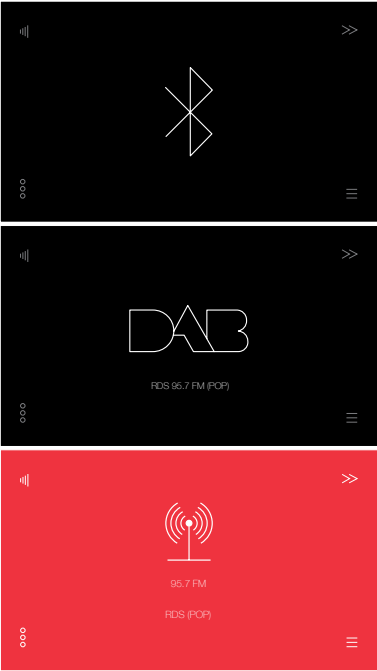


Selezione sorgente

56

57

Radio FM



1

2

1

2



Selezione sorgente

3

Pressione

4

3

4



Radio FM Sorgente

1

>>>>>>>>>>>>>

2

1



2

RDS (POP)

RDS (POP)

3

4

3

4

62

63

1

>>>>>>>>>>>>>

2

1

2

Selezione stazione

3

4

64

Selezione stazione

3

4

65

1

Pressione

2

1

2



Ricerca manuale

3

4



Ricerca manuale

3

4

1

→
Pressione

2



Ricerca manuale

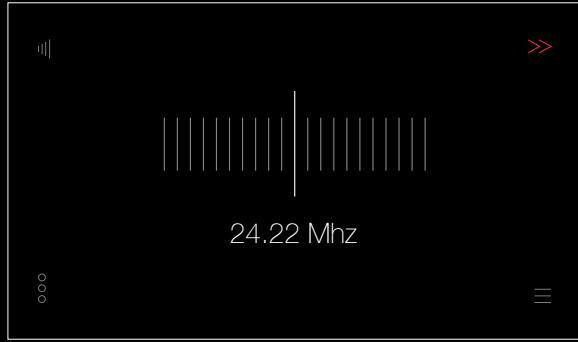
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Rotazione

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Ricerca manuale

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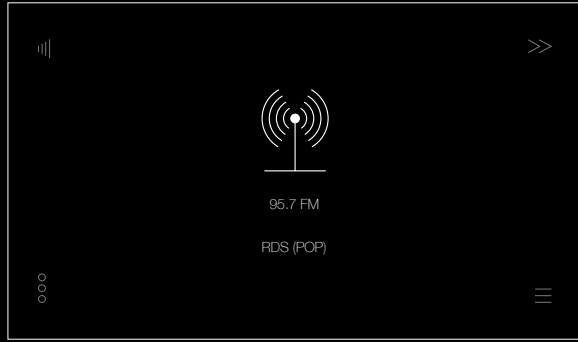
Pressione

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Rotazione

2



Preferiti

3

4



Preferiti

3

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Pressione →

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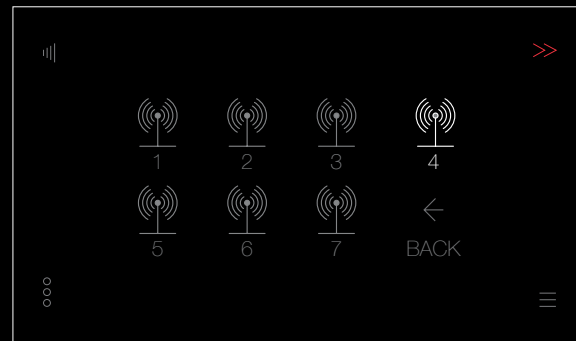


Preferiti

3

4

72



Preferiti

3

4

73

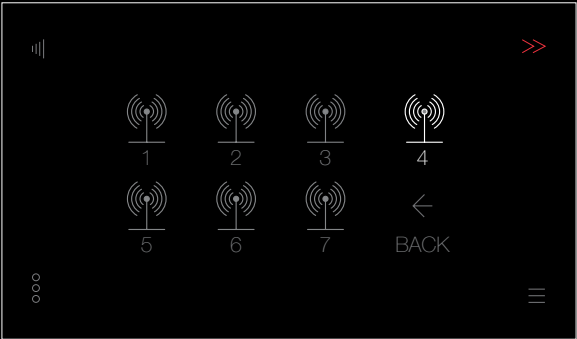
1

Pressione

2

1

2



Preferiti

3

4



Radio FM Sorgente

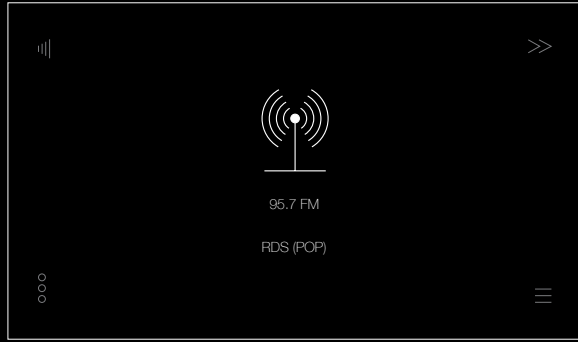
3

4

1

Pressione
prolungata

2



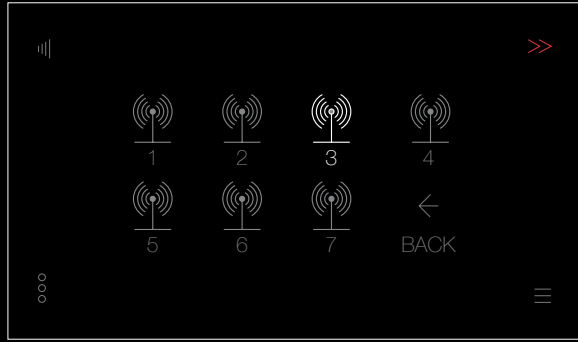
Memorizzazione preferiti

3

1

Rotazione

2



Memorizzazione preferiti

3

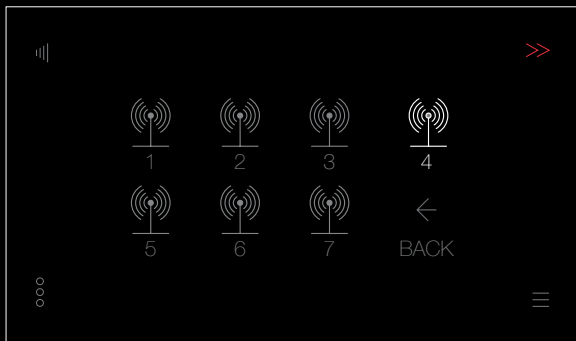
1

Pressione

2

1

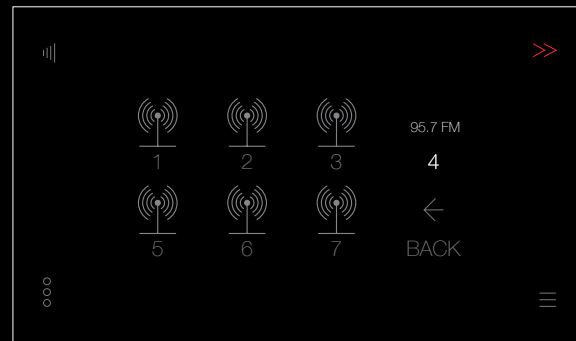
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Memorizzazione preferiti

3

4



Preferiti

3

4

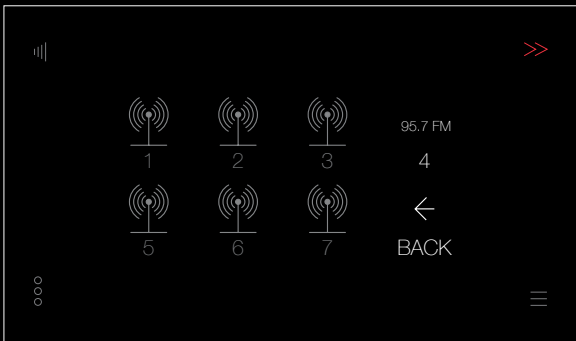
1

→
Pressione

2

1

2



Preferiti

3

4

3

4



Radio FM Sorgente

1

Radio FM Sorgente

3

>>>>>>>>>>>>>>
Rotazione

82

2

1



Selezione sorgente

2

3

4

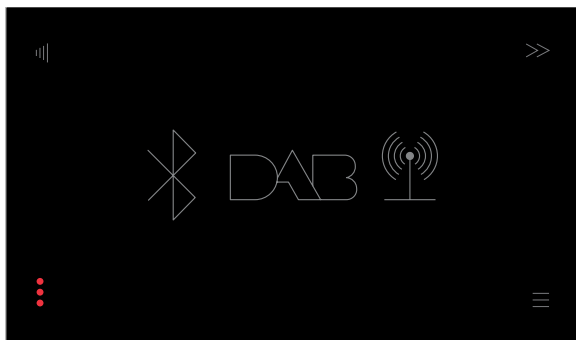
4

83

Menu

1

2



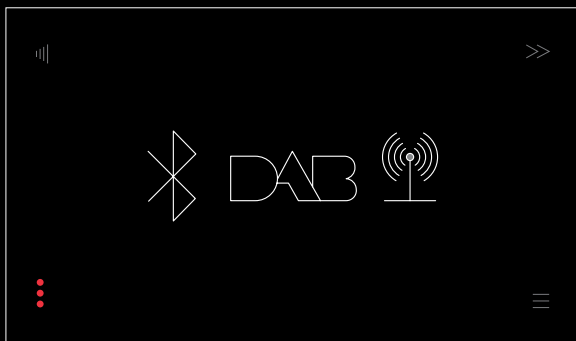
3

→
Pressione

4



1



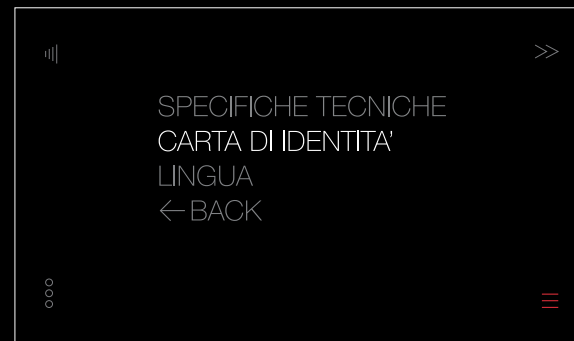
Da qualsiasi sorgente

3

Pressione

2

1



Menu

3

>>>>>>>>>>>
Rotazione

2

4

1

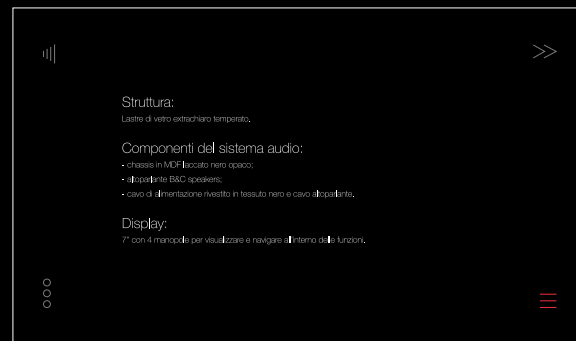


Menu

2

1

2



Specifiche tecniche

3



4

88

3



4

89

1

Specifiche tecniche

3

90

2

Specifiche tecniche

1

3

91

2

4

1

2

1

2



Menu

3



4

Carta d'identità

3



4

1



Carta d'identità

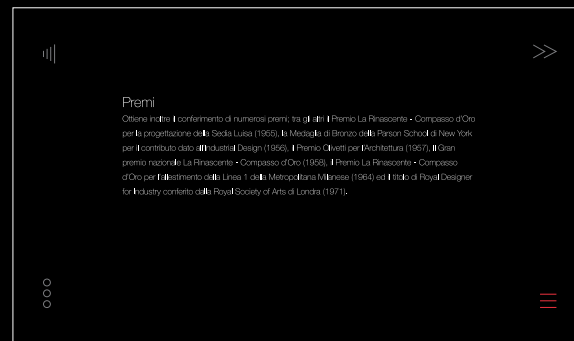
3

>>>>>>>>>>>>>>
Rotazione

94

2

1



Carta d'identità

3

>>>>>>>>>>>>>>
Rotazione

95

2

4

1



Carta d'identità

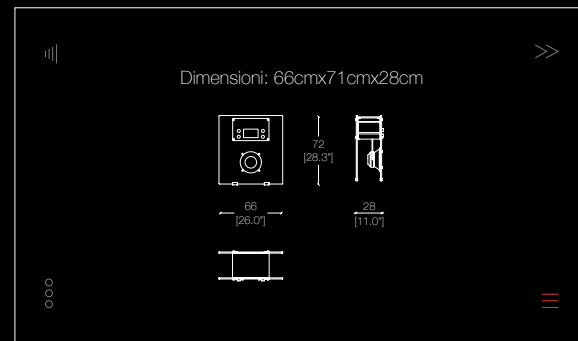
3

>>>>>>>>>>>>>>
Rotazione

96

2

1



Carta d'identità

3

>>>>>>>>>>>
Rotazione

97

2

4

1



Carta d'identità

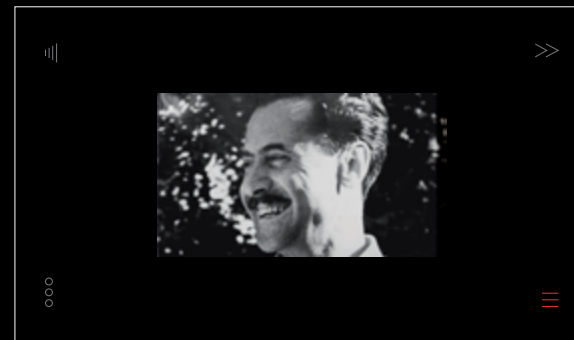
3

>>>>>>>>>>>>>>
Rotazione

98

2

1



Carta d'identità

3

>>>>>>>>>>>
Rotazione

99

2

4

1

2

1

2

Menu

3

4

Pressione

100

Lingua

3

4

>>>>>>>>>>>>>
Rotazione

101

1

→
Push

2

1

ENG

2



Automatic
redirection



Automatic
redirection



3

Switch-on

4

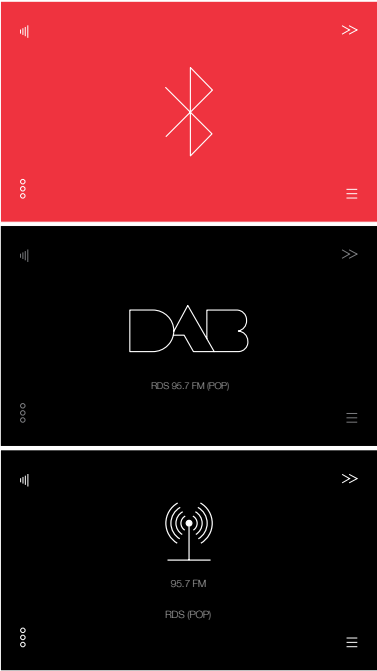
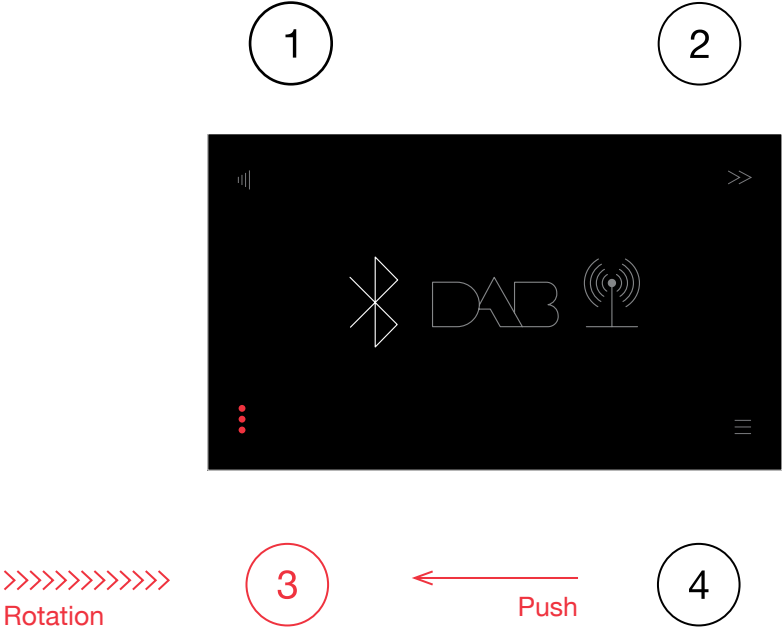
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4

102

103

Bluetooth

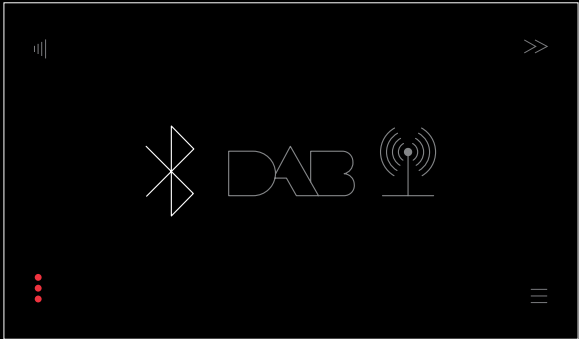


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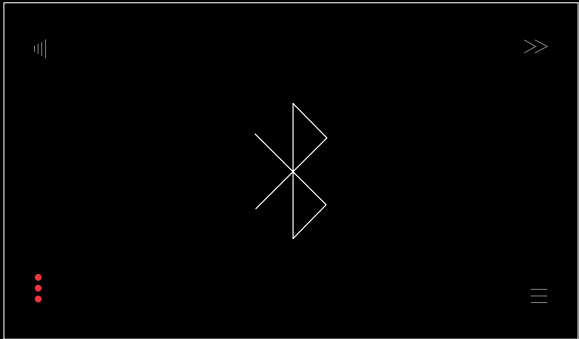
2

1

2



Select source



Bluetooth source

3



4

3

4

106

107

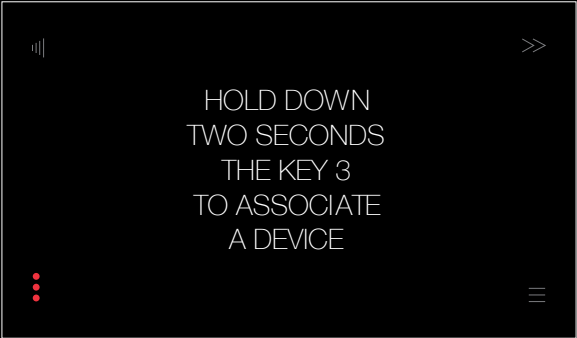
1

2

1

2

Automatic
redirection



Manual pairing

3

Extended
push

108

4

3

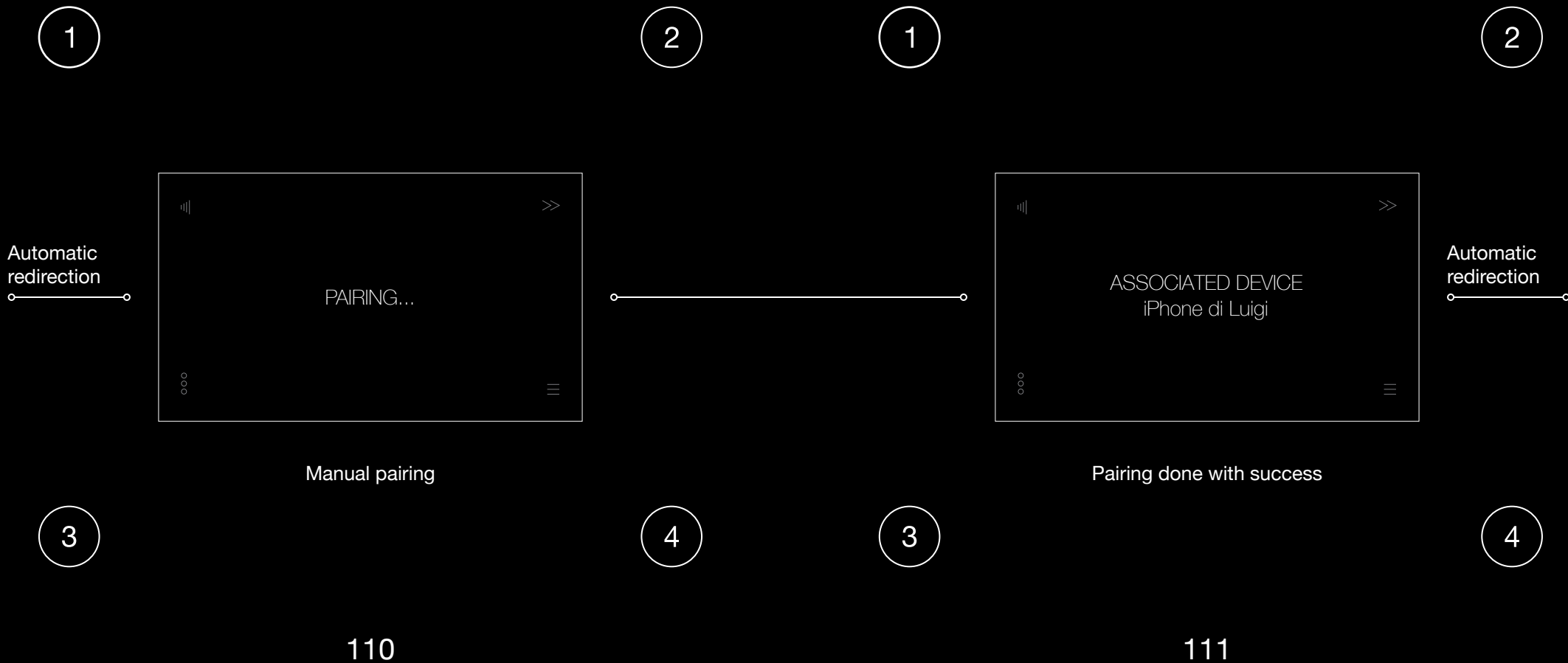
4

Automatic pairing



Automatic
redirection

109



1

>>>>>>>>>>>>>

2

1

2

PAUL WELLER
YOU DO SOMETHING TO ME
STANLEY ROAD

Bluetooth Home Screen

3

4

3

4

112

113

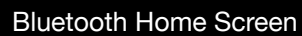
1



1

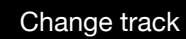
2

2



3

114



3

115

4

1

→
Push

2

1

2

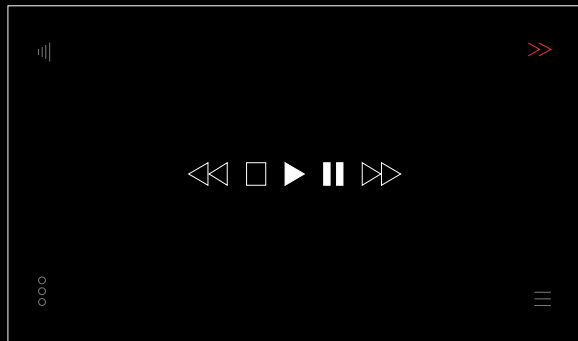


Bluetooth Home Screen

3

116

4



Play/Pause

3

117

4

1

2

1

2

Bluetooth Home Screen

3

>>>>>>>>>>>>>>
Rotation

4

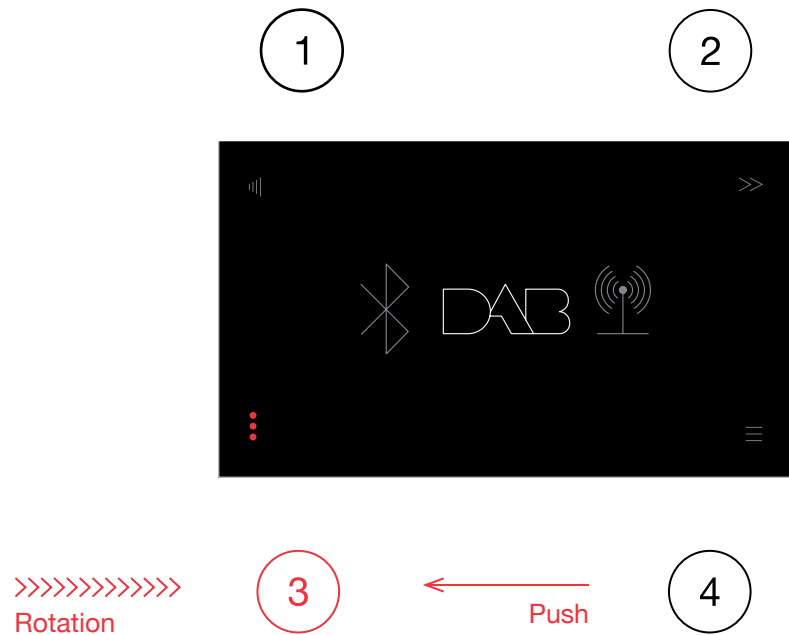
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4

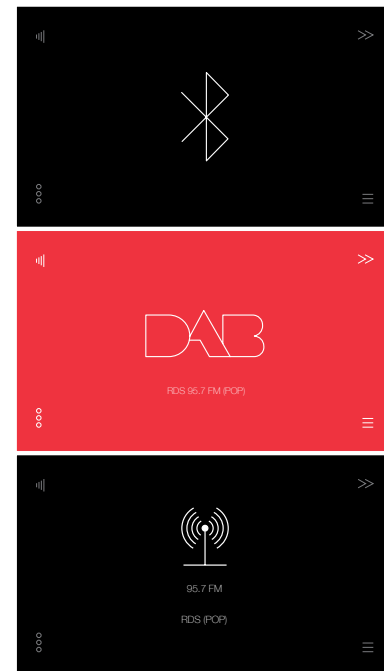


Select source

DAB



120



121

1

3

2

1

3

2

4

1

>>>>>>>>>>>>>

2

1

2

Station selection

3

4

3

4

Station selection

124

125

1

→
Push

2

1

2



DAB tuning

3

4

126



DAB tuning

3

4

127

1

→
Push

2

1

2



DAB tuning

3

4

128



DAB tuning

3

4

129

1

2

1

2



Automatic
redirection



3

4

3

4

DAB tuning

DAB tuning

130

131

1

2

1

>>>>>>>>>>>>>>

2



Favorite

3

4

132

Favorite

3

4

133

1

→
Push

2

1

2



Favorite

3

134

4

3



Favorite

4

135

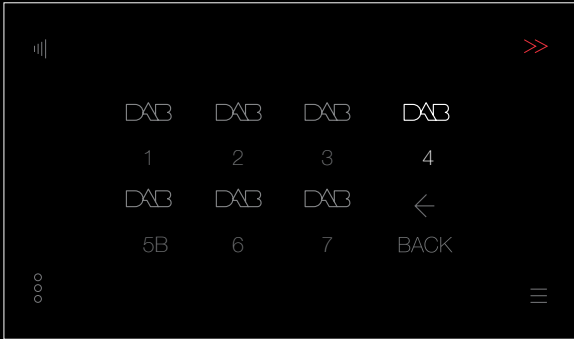
1

→
Push

2

1

2



Favorite

3

136

4



DAB source

3

137

4

1

Extended
push

2



Favorite storing

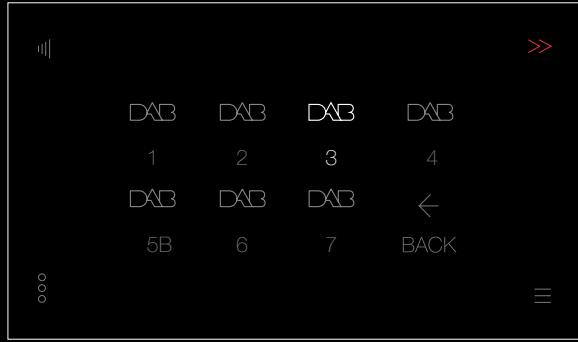
3

138

1

Rotation

2



Favorite storing

3

139

4

3

4

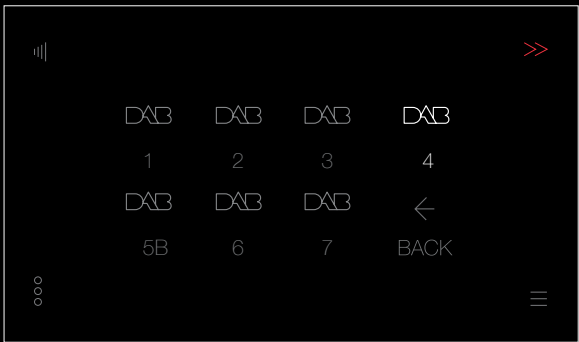
1

→
Push

2

1

2

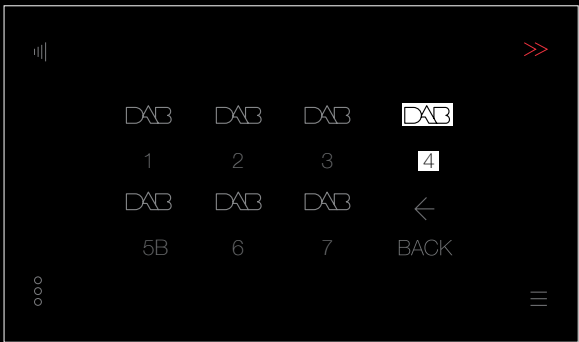


3

140

4

3



4

141

1

→
Push

2

1

2



Favorite

3

142

4

3



DAB source

4

143

1

2

1

2



DAB source

3

>>>>>>>>>>>>>>
Rotation

144

4

3

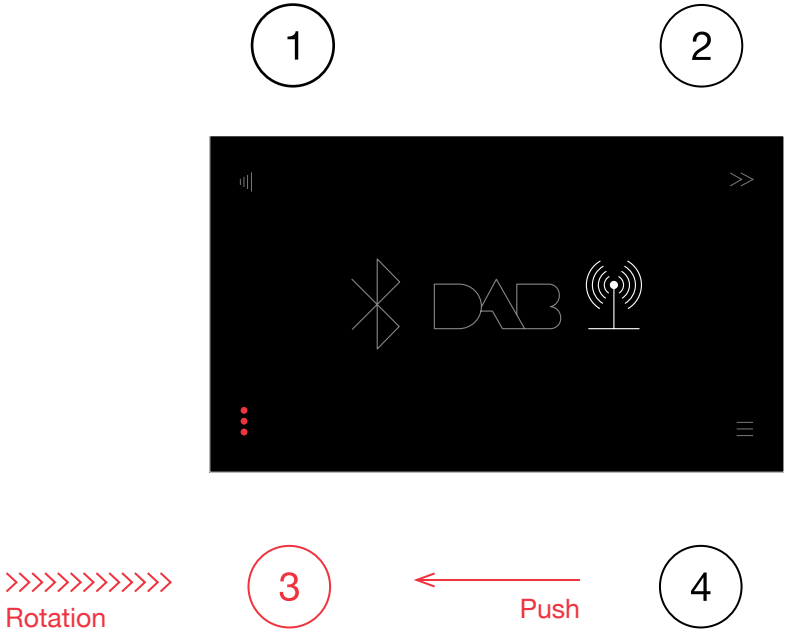
4



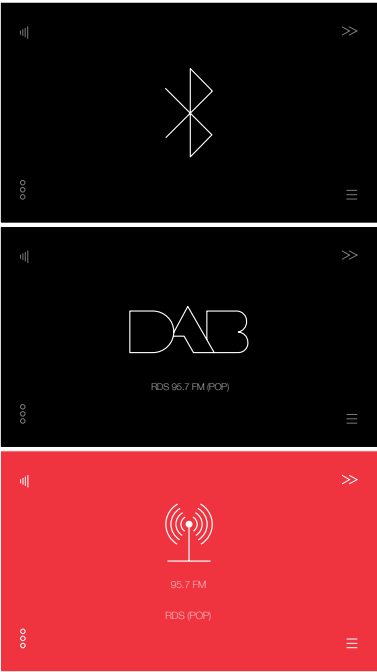
Select source

145

Radio FM



146



147

1

2

1

2



Select source

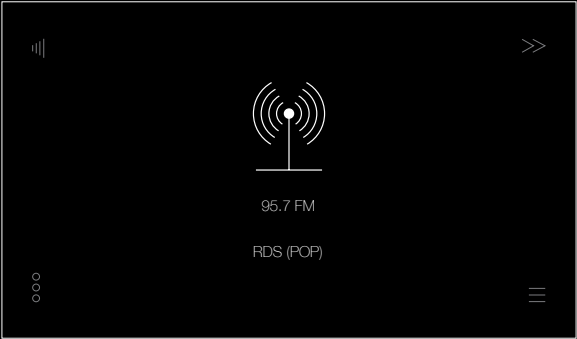
3

→
Push

4

3

4



Radio FM source

1

>>>>>>>>>>>>>

2

1

2



Volume contro

3

4

3

4

150

151

1

>>>>>>>>>>>>>

2

1



2

Station selection

3

4

152

Station selection

3

4

153

1

→
Push

2

1

2



Manual search

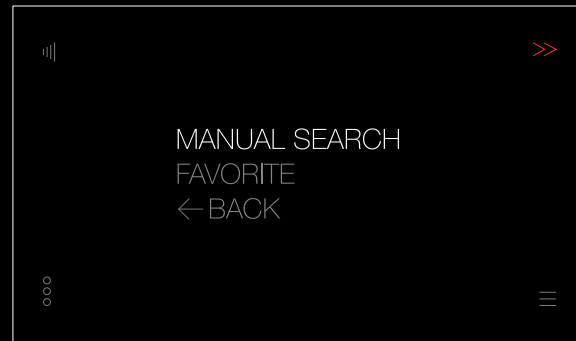
3

4

154

3

4



Manual search

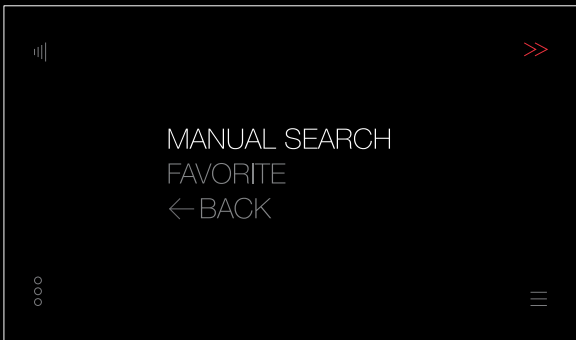
155

1

2

1

2



Manual search

3

4

156

Manual search

3

4

157

1

2

1

>>>>>>>>>>>>>>>>>>

2



Favorite

3

4

158



Favorite

3

4

159

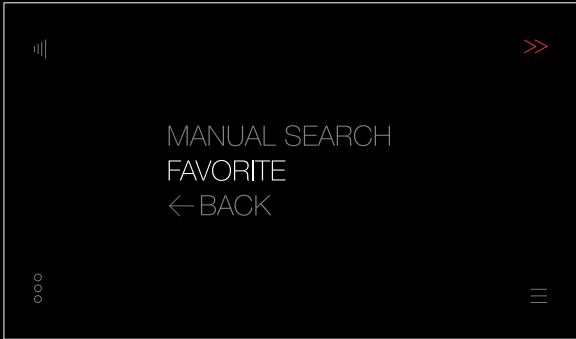
1

→
Push

2

1

2



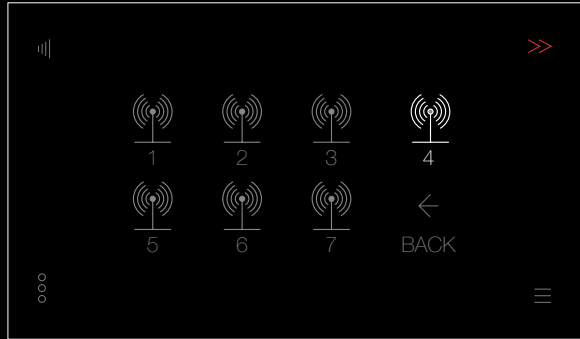
Favorite

3

160

4

3



Favorite

4

161

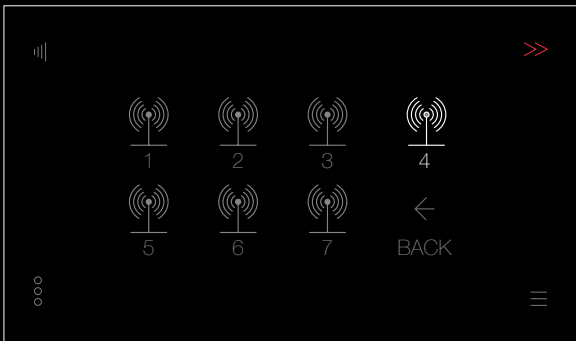
1

2

1

2

→
Push



Favorite



Radio FM source

3

4

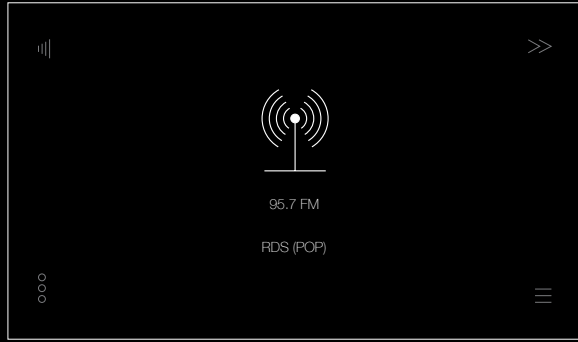
3

4

1

Extended
push

2



Favorite storing

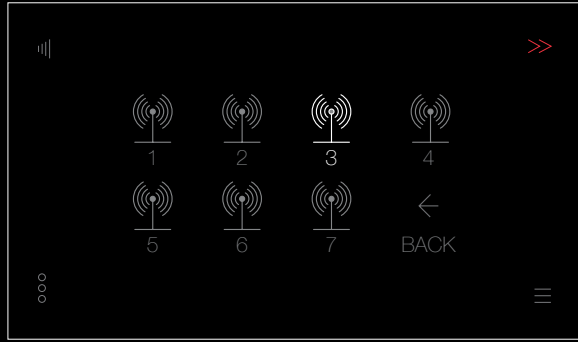
3

164

1

Rotation

2



Favorite storing

3

165

4

4

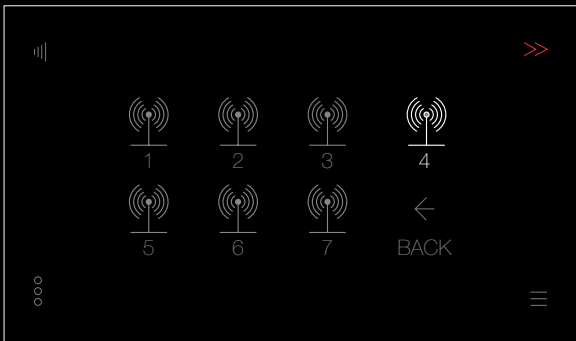
1

→
Push

2

1

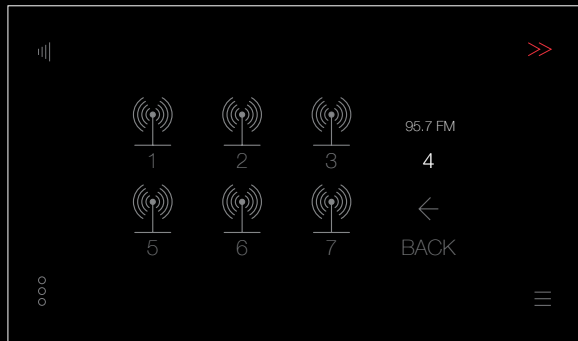
2



Favorite storing

3

4



Favorite

3

4

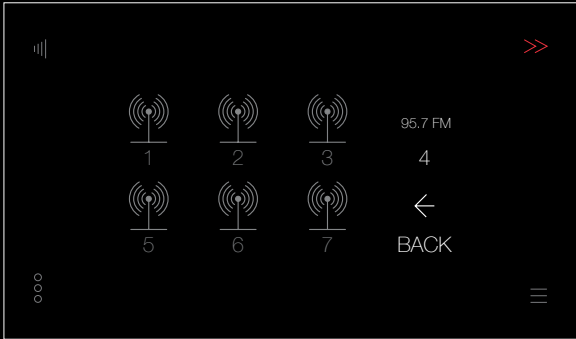
1

→
Push

2

1

2



Favorite

3

168

4

3



Radio FM source

4

169

1

2

1

2

Radio FM source

3

Rotation

170

4

3

4

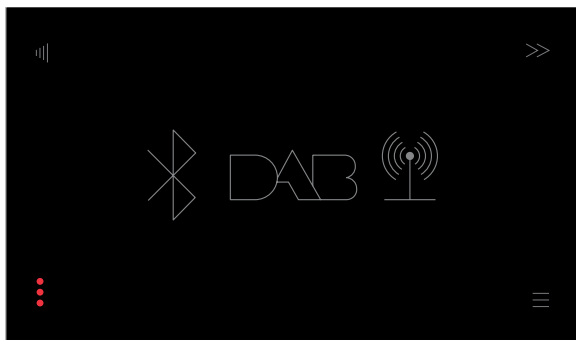


Select source

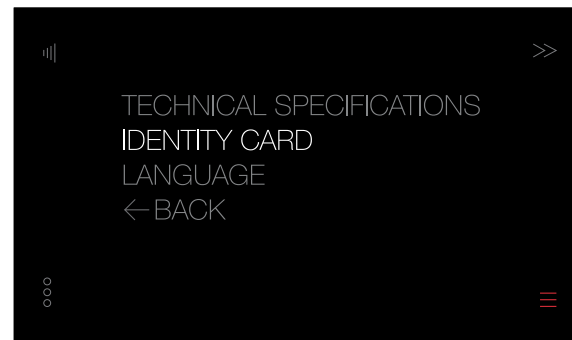
171

Menu

1



2

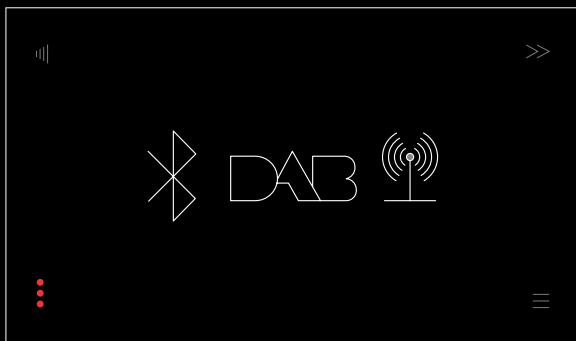


3

→
Push

4

1



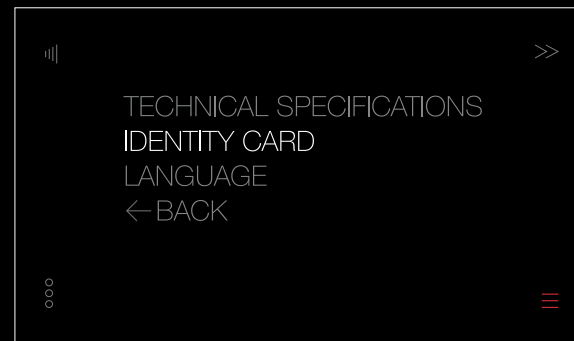
From any source

3



2

1



Menu

3



2

4

1

2

1

2



Menu

3



4

Technical specifications

3



4

176

177

2

2



Technical specifications

3

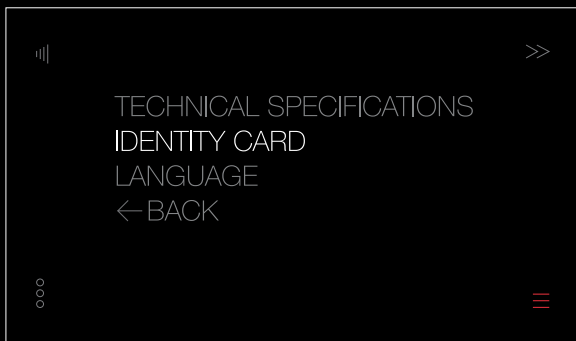
4

3

4

>>>>>>>>>>>>>
Rotation

1



Menu

3



2

1

Identity card

3

>>>>>>>>>>>>>>
Rotation

2

4

180

181

1

2

1

2



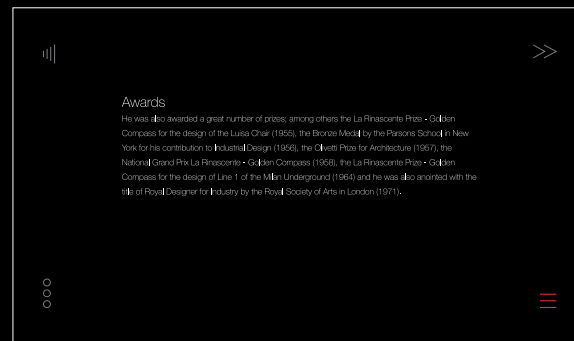
Identity card

3

>>>>>>>>>>>>>>
Rotation

4

182



Identity card

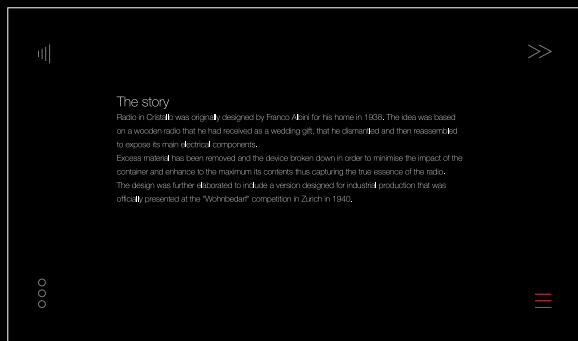
3

>>>>>>>>>>>>>
Rotation

4

183

1



Identity card

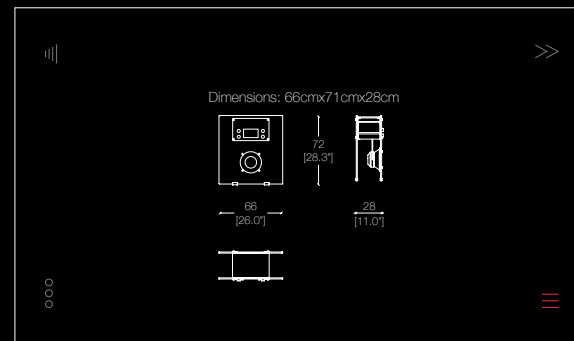
3

Rotation

184

2

1



Identity card

3

Rotation

185

2

4

1

2

1

2

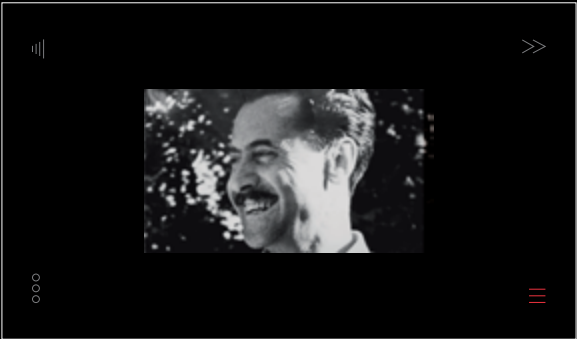


Identity card

3

Rotation

4



Identity card

3

Rotation

4

1

2

1

2

Menu

3

4

Push

188

Language

3

4

>>>>>>>>>>>>>
Rotation

189

Use restrictions and warnings FCC

Modification statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Labeling information

Device model: RADIO842

Contains FCC ID: 2A3CQ-RADIO842

Contains IC: 27763-RADIO842

Contains FCC ID: QOQWT32I

Contains IC: 5123A-BGTWT32I

FCC compliance

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

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Use restrictions and warnings ISED

Responsible party's contact located in Canada:

Company Name: Canadian Certification Consulting, Inc.
ISED Company No: 10842A
Company Address: 2210 Horizon Drive, Suite 17
Contact Name: Jon Hughes, President
City/Province/Zip: West Kelowna/BC/V1Z 3L4
Phone No: 1-250-575-1719
Email: info@can-cert.com

ISED compliance

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license exempt RSS(s). Operation is subject to the following two conditions: (1) This device may not cause interference. (2) This device must accept any interference, including interference that may cause undesired operation of the device. This radio transmitter has been approved by Innovation, Science and Economic Development Canada to operate with the antenna types listed below, with the maximum permissible gain indicated.

ICES-003 Class B Notice -Avis NMB-003 Classe B:

This Class B digital device complies with Canadian ICES-003

Responsible party's contact located in Canada:

Company Name: Canadian Certification Consulting, Inc.
ISED Company No: 10842A
Company Address: 2210 Horizon Drive, Suite 17
Contact Name: Jon Hughes, President
City/Province/Zip: West Kelowna/BC/V1Z 3L4
Phone No: 1-250-575-1719
Email: info@can-cert.com

ISED compliance

L'émetteur/recepteur exempt de licence contenu dans le present appareil est conforme aux CNR d'Innovation, Sciences et Developpement economique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisee aux deux conditions suivantes: (1) L'appareil ne doit pas produire de brouillage; (2) L'appareil doit accepter tout brouillage radioelectrique subi, meme si le brouillage est susceptible d'en compromettre le fonctionnement. Le présent émetteur radio a été approuvé par Innovation, Sciences et Développement économique Canada pour fonctionner avec les types d'antenne énumérés ci dessous et ayant un gain admissible maximal.

Cet appareil numerique classe B est conforme à la norme Canadien NMB-003.
CAN ICES-3(B) / NMB-3(B)

RF Radiation Exposure statement

This product complies with FCC and ISED 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.

This device complies with Health Canada's Safety Code. The installer of this device should ensure that RF radiation is not emitted in excess of the Health Canada's requirement.

Cet appareil est conforme aux limites d'exposition aux rayonnements de l'ISED pour un environnement non contrôlé. L'antenne doit être installée de façon à garder une distance minimale de 20 centimètres entre la source de rayonnements et votre corps.

Cet appareil est conforme avec Santé Canada Code de sécurité 6. Le programme d'installation de cet appareil doit s'assurer que les rayonnements RF n'est pas émis au-delà de l'exigence de Santé Canada.

