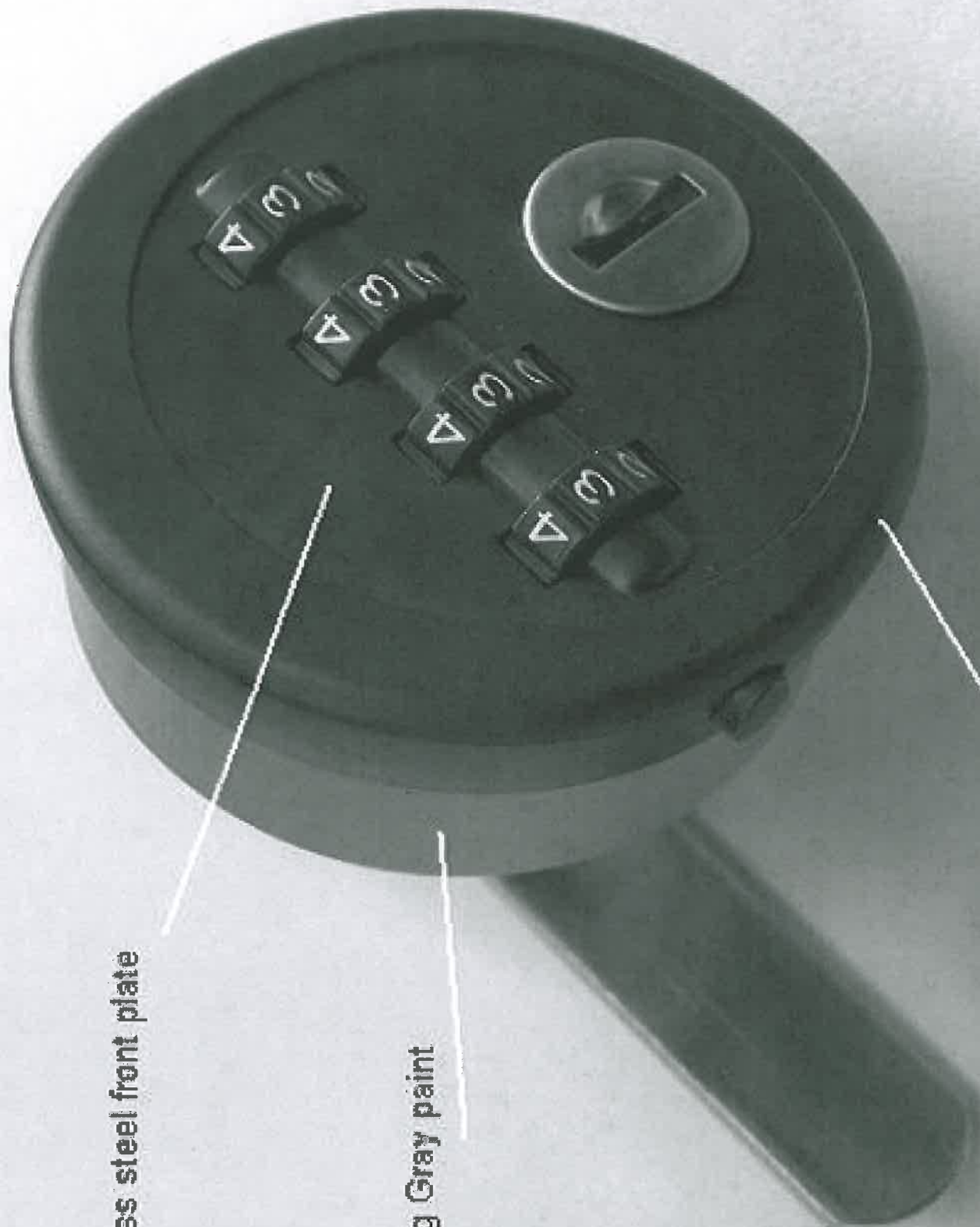


NO Stainless steel front plate

Outer housing Gray paint

NO Soft touch lacquer



USER OPERATING INSTRUCTIONS

For 4 Wheel Combination Lock A199, A141 and A142



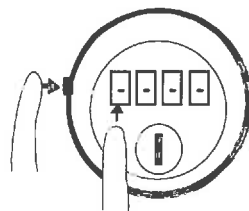
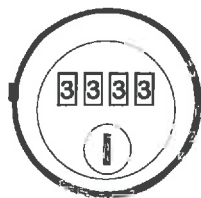
General Information

1. Please read these instructions carefully before first use.
2. Do not expose lock to environmental influences (moisture, fire, dust, etc)!
3. Do not expose lock to vibrations and avoid dropping!
4. Clean lock with a damp cloth. Do not use chemical products!
5. Lock operable within a temperature range from 0°C to 50°C (32°F to 120°F).

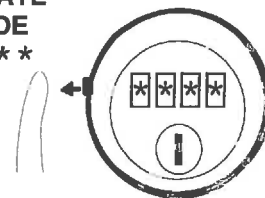
Safety Instructions

1. On delivery the combination lock is factory set at **3 3 3 3**.
For safety reasons set the lock immediately to your own personal code. Do not use any readily identifiable code (e.g. year of birth or 1234 etc.).
2. While setting the code hold the button during the whole procedure. Release only after code wheels have been set to the chosen code.
3. **Never leave the code wheels set on your own personal code.**
4. For code setting and emergency opening via service key the lock must be horizontal in the index position.
5. To open the lock, enter your personal code and scramble code immediately after opening.
6. To close the lock, code wheels must be set to your own personal code to ensure a safe locking.
7. If code has been scrambled in the open position turn dial to engage drive once personal code has been selected.
8. Scramble code immediately after closing.
9. In case of lost code the lock can be opened via service key. Please contact the supervisor to reset the lock to the factory setting.

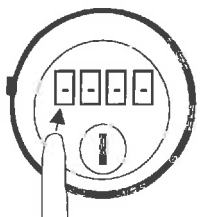
Personal code setting



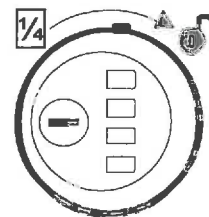
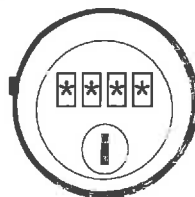
PRIVATE
CODE
* * * *



Lock operation



PRIVATE
CODE
* * * *



Further copies of these operating instructions can be downloaded from our website at www.euro-locks.de



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LOCK MANUFACTURER

Am Bruchwald 22

D-66280 Sulzbach

COMBINATION LOCK A199, A141 & A142

OPERATING AND ASSEMBLY INSTRUCTIONS FOR FITTER AND SUPERVISOR

1. Lock features:

- 10.000 free-programmable combinations
- Stainless steel face (A199 only)
- Code wheels with wear resistant lasered digits
- Switchable for left- and right-hinged doors
- Free-wheel function when locked
- Suitable for 2, 2,5 and 3 mm thick cams
- Easy code setting via integrated button
- Collar with soft touch finish (A199 only)
- Solid Mazak housing
- Code finding via service key
- Standard piercing hole 19,1mm x 16,1 mm
- Screw fixed cam

2. Lock, cam and barrel fixing

a. Lock fixing (See sketch „Lock fixing“ p.3)

- Flats of the piercing hole must be vertical
- Recommended distance from the centre of piercing to the edge of the door 35mm
- Maximum panel thickness 12 mm
- Lock fixing nut to be tightened to a value of max. 8 Nm
- Anti-turn washer for wooden furniture available on request

b. Cam fixing (See sketch „Cam fixing“ p.3)

- Wavy washer must be mounted between cam and housing.
- To fit the cam the switch on the back of housing must be set to “R”
- To remove the cam the switch on the back of housing must be set to “L”

! In cases where the cam has to be assembled after the lock has been fitted (switch not accessible), the cam must be held in position while tightening or loosening the fixing screw. If this is not observed then lock components can be damaged causing the lock to malfunction!

Attention: Make sure that the cam moves freely and is not obstructed while operating the lock. The lock will be damaged during cam assembly if the incorrect switch position is selected! If locking into a slot allow cam play of 5mm for a safe locking (see sketch “Lock fixing” p.3)!

c. Barrel fitting (See sketch „Barrel fitting“ p.4)

!only applicable when barrels supplied separately – delivered assembled as standard!

- Lock housing must be turned by 180° (code wheels are then below the barrel aperture).
- Insert the key into the barrel. Make sure that the retainer shows upwards before inserting barrel into the housing. As soon as the retainer engages into the groove turn the barrel 180°.

!Make sure that the recess in the barrel cap (Ⓢ) is on the correct side before removing the key!

3. Lock operation

a. Opening/closing the lock

The following points must be observed before operating the lock:

- Lock must be in the index position (code wheels horizontal) before entering personal code.
- Do not push the code setting button while operating the lock or entering the personal code.
- For security reasons scramble code immediately after opening.
- Personal code must be entered first before turning the lock by 90° to close.
- Once the lock has been closed scramble all code wheels. The combination lock will then be in the secure free-wheel position.

b. Personal code setting.

On delivery the combination lock is factory set at **3333**. The lock should be set immediately to a new personal code! (See operating instructions for users).

- Lock must be in the index position (code wheels horizontal) before pushing the code setting button.
- Hold the code setting button during the whole procedure.
- Only release the code setting button once the new personal code has been set!
- The code setting button is only used to set the personal code and should under no circumstances be pulled out or removed as the lock will be irreparably damaged!



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Lock operation (continued)

- c. **Code-finding via service key.** (See sketch "Code Finding" p.4)
- The service key is only used to find out the last code set. It has the same function as a master key.
 - The lock must be in the index position before the service key is inserted into the barrel.
 - To find out the code, turn the service key by at least 90° to the left OR the right.
 - Once code has been found, turn the key back (ensure correct position of the depression ① in the barrel cap first!) and remove it.
 - Keep the service key in a safe place.
 - Different service keys can be supplied (e.g. for lockers in different departments etc.)
For security reasons and better tracking please keep the number of service keys at a minimum.

- d. **Switch for R (right-) and L (left-hinged) doors.** (See sketch „Cam fixing“ p.3)
Only shift the switch on the back of the housing when lock is in the horizontal index position.
Attention: Lock will be damaged if the switch is forced when not in the index position.

4. Miscellaneous:

a. Transportation

- Do not expose lock to vibrations and avoid dropping!
- Use adequate shock-proof and hermetic packing.
- We recommend mounting the locks on-site.

b. Cleaning and maintenance

- Use a damp cloth to clean the lock. Do not use aggressive/abrasive chemical products!
- Don't immerse in water or spray the lock with detergent or water.
- Do not lubricate the code wheels!

c. Environmental influences

- Do not expose lock to environmental influences such as water, moisture, fire, dust, etc.

d. Wilful damage:

- Do not remove stainless steel face (only A199)!
- Do not insert foreign bodies into any aperture!
- Do not remove the code setting button!
- Do not use excessive force while operating the lock!

5. Troubleshooting

<i>Fault</i>	<i>Cause</i>	<i>Corrective measures</i>
<i>Hard lock movement</i>	<i>Cam scrapes on the door frame</i>	<i>Increase play between cam and frame i.e. new cam configuration</i>
<i>Lock cannot be opened with the set code</i>	<i>Mistake made during the code setting process</i>	<i>Carry out code finding process</i>
<i>Lock cannot be opened with the service key</i>	<i>Code wheels do not jump to the set code</i>	<i>Enter the service key, turn 90° and press the code setting button.</i>