

# INSTRUCTION MANUAL OF CHIP CARD MANAGEMENT SOFTWARE

# 1. INSTALLATION

Insert the CD Rom into your PC and double-click on Setup.exe. Follow the instruction to install the software.

Programma di installazione di Ch	ipCard
	Programma di installazione di ChipCard      Programma di installazione di ChipCard.      Impossibile installare i file di sistema o aggiornare i file condivisi se questi     sono in uso. Prima di continuare, è consigliabile chiudere le eventuali     applicazioni in esecuzione.
	OK dall'installazione
Close all Applications, then Click OK to pro	oceed,
Programma di installazione di Ch	ipCard
	-9. Programma di installazione di ChioCard
To proceed	Fare dic su pulsante qui sotto per iniziare l'installazione. Fare dic su questo pulsante per installare il software di ChipCard nella directory di destinazione specificata.
	Directory: C:(Program Files (x86))(ChipCard) Cambia directory
Select the directory where to install the	Esci dall'Installazione
-soltware -	





# Programma di installazione di ChipCard Image: ChipCard - Seleziona gruppo di programmi Image: ChipCard Installation - Rev. 2 Image: ChipCard Installatinge: ChipCard Installation - Rev. 2 <

The software operate in order to compact automatically the data base that contain all relevant data. If it's necessary to operate manually, operate like the following:

Check time to time the size of EP0004.mdb file, if the size is higher than 2 Mb compact the file following this procedure:

- open Access
- open EP0004.mdb file
- select "utility database", then "compact file".

Continua

Annulla

For security it's suggested to make a copy of EP0004.mdb data base, in order to save all relevant data of the club: reports, prices, list of shooters,....

To operate, connect with the RS232 cable the writer/reader to the main PC. Select on the PC:

- separator for 0.1:
- separator for 1,000:

# 2. INTRODUCTION

The chip-card management software operate in order to:

- To store all shooter's relevant data inside a data-base (EP0004.mdb). Every shooter can be connected to a "type". The "type" declare for any shooter the price list.
- To record all operations: chip card charge, chip card delete.
- To print all operations
- To record price list on "Master Card" necessary to store the selected price list inside the "chip card reader" on the ranges.

# 3. CHIP CARD

The chip card allows to store "points" that can be used on the ranges to buy credits for shooting. Every chip card can store a maximum of 999 points.

The chip cards are protected with a secret code unknown, able to protect the chip cards against every type of intrusion.





### 4. OPERATING

When the software starts, the following form appear:



Fig. 1 – Main Form

Select by clicking on the commands on the top:

- DataBase: to open the data-base of shooters
- ChipCard: to record "points" inside chip cards
- Reports: to open the Report-form
- Setup: to configure the software and the link with main PC
- ?:
  - to open the help
- Exit: to exit

When starts the software the first time, it's necessary to configure the software by selecting the "Setup". Then it's necessary to store data of shooters inside the data-base. Then it's necessary to create a "price-list" for all "type" of shooters, divided for all disciplines. To store price list inside the Chip-Card readers on the ranges, it's necessary to prepare the "Master Cards".





### 5. SETUP

ge\_setup

Multi-Dull	Club —				
Status: SYSTEM SETUP	Club Name: ASD	Tiro a Volo S. G elli	iovanni		
	Serial Port Port no.: 3	•	Language Nation: Engl	ish 💌	
	Password 8 chars.:		Store New Pat	sword	
	Tipologie		Discipline		
	Туре	Code	Discipline	Code	
	Non Soci	1	Trap	1	50000000
	Soci	2	Skeet	2	. EP056AG3
	Tessera Fedeltà	3	Double Trap	3	1.0
	Centro C.a.s.	4	Percorso Caccia	4	
- Multi-	Militari	5	Nazionale	5	in Italy lettronica Progetti s r l
	Direttori Di Tiro	6	Nuovo	6	elettronicaprogetti.com
ASSOCIATION (S-2)	Cral	7	Elica	7	
	Ladies	8			
	Nazionale	9			
	Anzianotti	10			
				1	
			Rename		
	Rename	1		1	
			? Store	Exit	

Fig. 2 – Setup

Insert the name and address of the Club. Select the language. Select the serial port of the main PC used for the link to the writer/reader of chip cards

Password: select a "club password"

Type: there are 10 "types" that represent 10 different groups of shooters Discipline: there are 7 "disciplines"

To modify a type or a discipline, select one (double-clicking on the name) then write a new name, then click on "Rename" push-button.

At the end, click on the "Store" push-button in order to save all data.





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# 6. DATABASE

ge\_database

Code	Surname		Name	0	Cat. C	Qua.	lype			
1	JOSEPH		Danni				Non Soc	i		
ntries										2
intries Code										
intries Code										
i <b>ntries</b> Code <mark>1</mark> Surnam	ie	Name		Address						
ntries Code 1 Surnam JOSEF	e H	Name Danni		Address Rue De Boubur	n, 3					
intries Code 1 Surnam JOSEF City	ne 14	Name Danni Tel.		Address Rue De Boubur e-mail	n, 3				_	
intries Code 1 Surnam JOSEF City Paris	ne YH	Name Danni Tel.		Address Rue De Boubur e-mail	1, 3	- - - -			_	Dalete A
intries Code 1 Surnam JOSEF City Paris No. of (	не Р Ч	Name Danni Tel. Cat.	Qua.	Address Rue De Boubur e-mail Type	ı, 3	[ @ [				Delete Al
ntries Code I Surnam JOSEF City Paris No. of (	e H Card	Name Danni Tel. Cat.	Qua.	Address Rue De Boubur e-mail Type Non Soci	r, 3	]@[		Stor	e	Delete Al
ntries Code I Surnam JOSEF City Paris No. of (	e H Card	Name Danni Tel. Cat.	Qua.	Address Rue De Boubur e-mail Type Non Soci	1, 3	@			e	Delete Al
ntries Code Surnam JOSEF City Paris No. of (	e H Card Entry	Name Danni Tel. Cat. dd mm Date	Qua.	Address Rue De Boubur e-mail Type Non Soci	,3	@[		Stor	8	Delete A
Intries Code Surnam JOSEF City Paris No. of (	ne 14 Card Entry	Name Danni Tel. Cat. dd mm Date	Qua.	Address Rue De Boubur e-mail Type Non Soci	,3	@[	T	Stor	e te	Delete A

Fig. 3 – DataBase

On the top there is the list of the shooters inside the data-base. To select a shooter, it's necessary to select the row (by double-clicking) with his name.

To insert a new shooter, click on the "New" push-button, then insert data of the shooter, then click on the "Store" push-button.

To delete a shooter, select the row, then click on the "Delete" push-button .

Every shooter can be stored with a "type" that select his price-list.





### 7. PRICES

Discipline:	Trap	(	Ske	et	Dou	ble Trap	Perc	orso	Nazi	onale	Nuo	vo	Elica	1.
N. of Targets:	25 🔽	50	25	50	25	50 🔽	25 I	50	25	50 🔽	25	50 🔽	25	50 I
Туре	Points	s Euro	Point	s Euro	Point	s Euro	Point	s Euro	Points	s Euro	Point	s Euro	Point	s Euro
on Soci	150	5,00	40	4,00	190	19,00	40	4,00	41	4,10	51	5,10	61	6,10
essera	40	4.00	35	3.50	70	7.00	35	3.50	43	4.30	53	5.30	63	6.30
entro C.a.s.	35	3,50	35	3,50	70	7,00	35	3,50	44	4,40	54	5,40	64	6,40
lilitari	45	4,50	40	4,00	80	8,00	40	4,00	45	4,50	55	5,50	65	6,50
irettori Di	1	0,10	1	0,10	1	0,10	1	0,10	46	4,60	56	5,60	66	6,60
ral	100	10,00	100	10,00	100	10,00	100	10,00	47	4,70	57	5,70	67	6,70
adies	100	10,00	100	10,00	100	10,00	100	10,00	48	4,80	58	5,80	68	6,80
azionale	30	3,00	30	3,00	60	6,00	30	3,00	49	4,90	59	5,90	69	6,90
nzianotti	100	10,00	200	20,00	100	10,00	100	10,00	50	5,00	60	6,00	70	7,00
aster Card	1					Disco	ount —			Setup				
Status					_	Ro	lo. of unds: [	1			Curre	ency: Euro		
1						Selec	ct points d, currer	for one ncy value wil	1	Val	ue POII	NT = 0,1	E	Euro

ge\_prices

Fig. 4 – Prices

### Frame Setup:

It's possible to select the currency and the value of "1 point".

### Frame Price List:

It's possible to select the prices for all disciplines and all types. Remember that the value of "points" inside the chip cards have always the same value.

NOTE: select always the number of targets for all disciplines: 25 or 50.

### Frame Discount:

It's possible to have discount for quantity of series

### Master Card:

The "Master Card" is a chip card necessary to setup the chip card reader on the range. It's necessary to have a "Master Card" for any discipline. Operation on the range: select a discipline on the EP095S control unit. Then introduce the "Master

select a discipline on the EP095S control unit. Then introduce the "Master Card" inside the chip card reader in order to store the price list for the selected discipline.

To create a "Master Card" enable his frame, then introduce one chip card inside the chip card reader/writer, then select the discipline and start the "Master Card Programmation"





# 8. REPORTS

ge\_reports

Code	Surname	Name	Cat.	Qua. Typ	e	
1	JOSEPH	Danni		Non	Soci	
leport	dd mm yyyy From:	Code Type	Suma	ame	Name	Repor
		Date Points Amoun	t Payd	Balance	Consumption Points Balance	
	uired Points:					
Acq	Jsed Points:					
Acq l	Jsed Points:					
Acq l	Jsed Points: Amount: Balance: Payd: Payd:					

Fig. 5 – Reports

On the top there is the list of the shooters inside the data-base. To select a shooter, it's necessary to select the row (by double-clicking) with his name.

On the bottom it's possible to have the report, filtered by a rated period if requested.

To modify one report, select the shooter, then select the report, then modify the report, then Store the new report.





# 9. DELETE REPORTS

Code	Surname	Name	Cat.	Qua.	Туре		
1	JOSEPH	Danni			Non Soci		
		Report Delete				X	
		Select one option to cance	el a Report fr	om the [	)ataBase:		
		C All Reports					
		C All Reports of year:					
eport		$oldsymbol{C}$ All reports of the selec	sted Customer				
	dd mm yyyy From:	$oldsymbol{C}$ All extracted Reports (	of the selected	Customer			Rep
	dd mm yyyy To:	Insert Password, max.	10			Points Balance	, Prir
Acq	uired Points:	New Password					Dele
ι	Jsed Points: Amount:			ок	Exit		
	Balance:						
	Payd:						

Fig. 6 – Delete Reports

It's possible to delete reports, filtered by:

- all records

ge\_reports\_delete

- all records of one selected year
- all records of one selected shooter
- all records of one selected shooter for a selected period

To delete one record it's necessary to introduce a password. The default password value is: 1234567890





# **10. PRINT REPORTS**

Code	Surname	Name	Cat.	Qua.	Туре	
1	JOSEPH	Danni			Non Soci	
	🐼 Repor	't Print			X	
	Sel	ect one option to print a Report	:			
		C All Reports				
		All Reports of year:				
		C All Perpete of days	do	i mm yy	////	
Report		<ul> <li>Air reports or day.</li> </ul>	10	101 120		
	dd m From:	${f C}$ All reports of the sele	cted Customer		-	Rep
	1	-				Prir
	To:	C All extracted Reports	of the selected	Customer	Ē	
		All Customers				Dele
Acq	uired Points:					
L	Jsed Points:			OK	Exit	
	Amount:			-		
	Balance:					
	Payd:					
						E

Fig. 7 – Print Reports

It's possible to print reports, filtered by:

- all records

ge\_reports\_print

- all records of one selected year
- all records of one selcted day
- all records of one selected shooter
- all records of one selected shooter that have been extracted
- list of all shooters





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# **11. REPORTS FROM THE RANGE**

	Report C	hip Card							XI
Code									
1	Status								
	Insert F	leport C	ard, then press	'Download' push-bu	utton		Download	Delete	
							100		
	Report	Downloa	aded						
	Deser	Je.a.	Company	News	0.0	10	T	Luci Diata	-
	Hepor	lroge	Surname	IName	Lat.	jųua.	liype	Usea Points	-
									-
Report -									
_									ep
F									
									Prir
									ele
Acqui									
16									
08									_
		del	P5P5 10000						
	da		01 2007	Store			2	Exit	
	00		01 12007						E
S									C.

Fig. 7 – Download Reports

It's possible to "download" from "Report Chip Card" all reports of one selected range. It's suggested to operate like in the following:

- create "Master Card" for every discipline
- create some "Report Card" by deleting any chip card by using this form

In the morning (before start the shooting operation) store the price list on the chip card reader on the range by using the master card. Then delete inside the chip card reader all reports: before to extract the "Master Card" press the push-button of the chip card reader. The display of the chip card reader will show: 000 to advice that all reports are deleted.

At the end of the day, insert the "Master Card" inside the chip card reader on the range, then press the pushbutton: the display will show the number of series that have been used on the range.

To have a complete report of all series (with names of shooters and "points"), insert inside the chip card reader one "Report Card" empty. The display of the chip card reader will show a counter from 5 to 1 second, then the first 64 series will be stored inside the "Report Card". If it's necessary to use a second "Report Card" (every report card can store maximum 64 reports), insert another "Report Card" empty inside the chip card reader , then before the counter reach 1 sec. press the push-button of the chip card reader to select the reports from 65 to 128. Repeat the same operation for a maximum of 256 reports (4 reports cards) for every chip card reader on every range.

When "Report Cards" are full, insert the report cards inside the chip card reader/writer and download the reports of all ranges inside the data-base of the main PC by using the form above by clicking on "Download" push-button.





Elettronica Progetti

ge\_chipcard

### 12. PROGRAMMATION of CHIP CARD

Jpc       DataBase       ChipCard         Sumame       Name         Address         City       Tel.         No. of Card       Cat.         Qua.         dd mm       yyyy         from:       Total         Points:       Received:         Total       Points:         Balance:       Filter         Date       Points         Date       Points         Balance:       Filter         Date       Points         Address       Discipline         Trap       Type         No. of Card       Cat.         Qua.       CHIP CHABGE         CHIP DELETE       Discipline         Trap       Type         Name       Sumont         Points       Amount         Payd       Balance         Sumons       Sumons         Sumons       Sumons         Sumons       Sumons         Non Soci       Sumons         Sumons       Sumons         Total       Points         Date       Points         Addown       Sumons         Sumons       <	Code Tune		Program Status	mation		
Sumame       Name         Address       Points:         City       Tel.         No. of Card       Cat.         Qua.       Received:         dd mm yyyy       to:         Total       Points:         Balance:       Filter         Date       Points         Date       Points         Balance:       Filter         Date       Points         Amount       Payd         Balance       Type         Non Soci       Social		DataBase ChipCard	Insert	ChipCa	rd, then press '	'ChipCard' push-button
Address       Residue       News       Total         City       Tel       Euro       Euro       Euro         No. of Card       Cat.       Qua.       Received:       Euro         dd mm       yyyy       dd mm       yyyy       Team:       Date:       15 01 2000         from:       Totat:       Points:       Report       Frice List       Discipline         Date       Points       Amount       Payd       Balance       Tap       Tap         Date       Points       Amount       Payd       Balance       Type       Non Soci         0       1       50       5,00       Type       Non Soci       Total:       Non Soci	Surname	Name				
Address       Points:       Points:         City       Tel.       Euro         No. of Card       Cat.       Qua.         dd mm yyyy       to:       Team:       Euro         dd mm yyyy       to:       CHIP CHARGE       CHIP DELETE         Total:       Points:       Fleport       Fliter         Date       Points       Amount       Payd       Balance         Date       Points       Amount       Payd       Balance         Type       Non Soci       Type       Non Soci       Non Soci					Residue	News Total
City       Tel.         No. of Card       Cat.       Qua.         from:       Cat.       Qua.         dd mm yyyy       dd mm yyyy         from:       Team:       Date:         Total       Points:       Report         Filter       Price List       Discipline         Date       Points       Amount       Payd         Balance:       Filter       Discipline       Trap         1       500       5250       25,00       Trap         No Soci       Total       Payd       Balance       Non Soci	Address			Poi	nts:	
City       Tel         No. of Card       Cat.       Qua.         from:       Cat.       Qua.         dd mm yyyy       dd mm yyyy         from:       Team:       Date:         Total:       Points:       Report         Filter       Filter       Price List         Payd       Balance       Discipline         1       500       5.00         2       100       10.00         3       150       15.00         4       200       20.00         5       25.00       500         8       400       40.00         9       450       45.00         10       500       50.00						
No. of Card         Cat.         Qua.           from:         dd mm yyyy         dd mm yyyy           from:         to:         minite           Total:         Points:         Report           Balance:         Filter         Price List           Pade         Points         Amount           Payd         Balance         Trap           1         50         5,00           2         100         10,00           3         150         15,00           4         200         20,00           5         25,00         5           8         400         40,00           9         450         45,00           10         500         50,00	City	Tel.		E	uro	
No. of Card         Cat.         Qua.           dd mm yyyy         dd mm yyyy         Team:         Date:         15 01 200.           from:         Total.         Points:         Report.         CHIP CHARGE         CHIP DELETE           Total.         Points:         Report.         Filter         Discipline         Trap           Date         Points         Amount         Payd         Balance         Trap         Type           2         100         10.00         3         150         15.00         Type           Non Soci         5         25.00         6         Non Soci         Social State					Destinat	
dd mm yyyy       dd mm yyyy       Team:       Date:       15 01 200         from:       Total:       Points:       Report       CHIP CHARGE       CHIP DELETE         Total:       Points:       Report       Filter       Price List       Discipline         Date       Points       Amount       Payd       Balance       Trap       Trap         2       100       10.00       3       150       15.00       Type         Non Soci       5       25.00       6       300       30.00       Type         Non Soci       10       50.00       10       50.00       Interval       Interval	No. of Card	Cat. Qua.			Heceived:	Euro
Team:       Date:       15 01 200         from:       to:       CHIP CHARGE       CHIP DELETE         Total:       Points:       Report       Filter       Price List       Discipline         Date       Points       Amount       Payd       Balance       Trap       Trap         Date       Points       Amount       Payd       Balance       Trap       Type         Non Soci       5       25.00       5       00       Non Soci       Soci						dd mm yyyy
dd mm yyyy       dd mm yyyy       to:       CHIP CHARGE       CHIP DELETE         Total:       Points:       Report       Price List       Price List       Price List         Date       Points       Amount       Payd       Balance       Trap       Trap         2       100       10.00       3       150       15.00       Trap       Mon Soci         4       200       20.00       5       25.00       Non Soci       Non Soci       Non Soci         9       450       45.00       10       500.00       10       Soci 50.00       Non Soci       Non Soci	n (10 str	1999 - 199 		Tea	m <b>F</b>	Date: 15 01 2007
from:       to:       CHIP CHARGE       CHIP DELETE         Total:       Points:       Report       Price List       Price List         Date       Points       Amount       Payd       Balance       Trap         2       100       10.00       3       150       15.00         4       200       20.00       5       25.00       5         5       250       25.00       5       300       30.00       7         7       350       35.00       8       400       40.00       9       450       45.00       10       50.00       ▼	dd mm yyyy	dd mm yyyy				
Total:       Points:       Report Filter         Date       Points       Amount       Payd       Balance       Price List         Date       Points       Amount       Payd       Balance       Trap         2       100       10.00       3       150       15.00         4       200       20.00       5       25.00       5         5       250       25.00       5       300.00       7         7       350       35.00       8       400       40.00       9         9       450       45.00       10       50.00       V	from:	to:		CHIP CI	IARGE	CHIP DELETE
Total:         Points:         Report Filter           Date         Points         Amount         Payd         Balance         Image: Constraint of the second seco						
Balance:         Filter         Bounds         Points         Amount         Amount         I         S0         5,00         I         Trap           Date         Points         Amount         Payd         Balance         2         100         10,00         3         150         15,00         4         200         20,00         5         25,00         6         300         30,00         7         350         35,00         8         400         40,00         9         450         45,00         10         50,00         V         Interval         In	l otal:	Points: Report	Price Li	st —		
Date         Points         Amount         Payd         Balance         Trap           2         100         10.00         3         150         15.00           2         100         10.00         3         150         15.00           4         200         20.00         5         25.00         6         300         30.00           7         350         35.00         10         50.00         ▼         Non Soci	Received: B	alance: Filter	Bound	e Pointe	Amount 🔺	Discipline
Date         Points         Amount         Payo         Balance         2         100         10.00         3         150         15.00         4         200         20.00         5         250         25.00         6         300         30.00         7         350         35.00         8         400         40.00         9         450         45.00         10         50.00         ▼			1	50	5,00	Trap
3       150       15,00         4       200       20,00         5       250       25,00         6       300       30,000         7       350       35,00         8       400       40,00         9       450       45,00         10       500       50,00       ▼	Date Points Amount	Payo Balance	2	100	10,00	,
4       200       20,00         5       250       25,00         6       300       30,00         7       350       35,00         8       400       40,00         9       450       45,00         10       500       50,00			3	150	15,00	l ype
5     25.00       6     300       7     350       8     400       9     450       10     500			4	200	20,00	Non Soci
6     300     30,00       7     350     35,00       8     400     40,00       9     450     45,00       10     500     50,00			5	250	25,00	
7     350     35,00       8     400     40,00       9     450     45,00       10     500     50,00			6	300	30,00	
8 400 40.00 9 450 45.00 10 500 50.00 ▼			/	350	35,00	
			8	400	40,00	
			9	400	45,00	
			110	000	50,00	

Fig. 8 - Chip Card

Insert the chip card that must be charged inside the chip card reader/writer. Then, if the chip card is empty, click on "DataBase" push-button and select one shooter. On the contrary click on "ChipCard" push-button in order to extract data from the chip card.

Insert the number of "points" to charge inside the chip card, then click on the "Chip Charge" push-button.

TEAM: normally the system enable the chip cards for only one time in the same round. If it's necessary to enable the chip card for more that one time for the same round (for example a team that have a training and use only one chip card for all shooters of the same team), it's necessary to click on the "team" check before charge the chip card.

It's possible also to delete a chip card: all "points" will be deleted.



