CHARITY_DONATION

This command is used to direct the device to display up to five (5) lines of display text and prompt up to five amount values (with currency Symbol).

Device UI Required

Display	User Action	Terminal Action
	Select the donation amount.	The device displays the Charity Donation screen.

Request Packet

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
FUNCTION_TYPE	Required	Static value	N/A	N/A	DEVICE	Type of function.
COMMAND	Required	Static value	N/A	N/A	CHARITY	Command name.
DISPLAY_TEXT1	Optional	Character	1	50		Displays text line 1. **Example:** *Here is what your donation can achieve?*
DISPLAY_TEXT2	Optional	Character	1	50		Displays text line 2. **Example:** *Stop child labor for children by connecting parent*

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
DISPLAY_TEXT3	Optional	Character	1	50		Displays text line 3. **Example:** *Ensure 6 school children are enrolled back school*
DISPLAY_TEXT4	Optional	Character	1	50		Displays text line 4. **Example:** *Protect 9 children from the threat of malnutrition*
DISPLAY_TEXT5	Optional	Character	1	50		Displays text line 5. **Example:** *Give 15 children healthy life by proper healthcare*
AMOUNT1	Required	Character	1	10		SCA Application does not format the amount or append any decimals or currency symbols to the amount. The POS should send the values as they appear on the Engage device display. **NOTE:** A minimum of one of the Amount field is required. In Amount Box up to 10 characters can be displayed including currency symbol and decimal point. **Example:** $0.20.
AMOUNT2	Optional	Character	1	10		Same as AMOUNT1. **Example:** $10.00
AMOUNT3	Optional	Character	1	10		Same as AMOUNT1. **Example:** $99.99
AMOUNT4	Optional	Character	1	10		Same as AMOUNT1. **Example:** $20.00
AMOUNT5	Optional	Character	1	10		Same as AMOUNT1. **Example:** $7.50
POS_RECON	Optional	Character	1	30		POS reconciliation. POS Reconciliation field to be echoed back in response to POS. **Example:** RetailPOS1
COUNTER	Required	Numeric	1	10		COUNTER is used for a given MAC label. Each COUNTER should be higher than the last one. This is used to authenticate the POS. **Example:** 100
MAC	Required	Base64 Encoded Data	N/A	N/A	N/A	Message Authentication Code. This is used to authenticate the POS.
MAC_LABEL	Required	Character	1	50		Associated label that tells the device which MAC_KEY to use to decrypt the value of MAC. This is used to authenticate the POS. **Example:** REG1

Example

Following is an example of request packet

```
<TRANSACTION>
    <FUNCTION_TYPE>DEVICE</FUNCTION_TYPE>
    <COMMAND>CHARITY</COMMAND>
    <DISPLAY_TEXT1>Here is what your donation can achieve?</DISPLAY_TEXT1>
    <DISPLAY_TEXT2>Stop child labor for children by connecting parent.</
DISPLAY_TEXT2>
    <DISPLAY_TEXT3>Ensure 6 school children are enrolled back school</
DISPLAY_TEXT3>
    <DISPLAY_TEXT4>Protect 9 children from the threat of malnutrition</
DISPLAY_TEXT4>
    <DISPLAY_TEXT5>Give 15 children healthy life by proper healthcare</
DISPLAY_TEXT5>
    <AMOUNT1>$0.20</AMOUNT1>
    <AMOUNT2>$99.99</AMOUNT2>
    <AMOUNT3>$15.00</AMOUNT3>
    <AMOUNT4>$20.00</AMOUNT4>
    <AMOUNT5>$7.50</AMOUNT5>
    <POS_RECON>GET ECHO FROM TERMINAL</POS_RECON>
    </TRANSACTION>
```

Response Packet

Field	Type	Value	Description
RESPONSE_TEXT	Character		Processor response text. **Example:** SUCCESS
RESULT	Character	OK or CANCELLED	This indicates the Result details.
RESULT_CODE	Numeric	Expected result code: -1, 59006, 59040, 59043	This indicates the result code. Refer to Result/Error Codes for details.
TERMINATION_STATUS	Character	SUCCESS or FAILURE	This indicates the transaction termination status. This is the overall status of the transaction irrespective of approved or declined. Like, if the output is generated then the status is SUCCESS and if no output is generated then the status will be FAILURE.
COUNTER	Numeric		Echoes counter sent in the request. **Example:** 100
AMOUNT_DATA	Character	1, 2, 3, 4, 5, 0 (SKIP)	Represents the amount field selected by the user, like <AMOUNT1> or <AMOUNT3>, not the amount in currency. 0 indicates the donation amount option is skipped.
POS_RECON	Character		POS reconciliation field echoed back if sent in request. **Example:** RetailPOS1

Transaction Performance Metric

Note

These fields are returned, if SCAPERFMETRIC parameter ([Application Parameters](#)) is enabled.

Field	Type Value	Description
UI_TIME	Time	This indicates the time duration, for which the device screen is displayed (like error message, prompt screen, remove card screen) till any user action is performed in the command execution flow. This field is not applicable to capture the time for the Processing, Authorizing and transaction status screen. The format of the returned value would be S.sss, where S is seconds (this can be 0 to any positive integer) and sss is milliseconds. In case of any insignificant time or 0.000 value, will not be returned in the response. **Example:** `<UI_TIME>44.028</UI_TIME>`
HOST_TIME	Time	This indicates the time taken for the Connection to the host, sending request and receives data from the host. This field also take the cumulative time for multiple requests which may sent to the host during the transaction including two legged transactions, timeout requests, Auto Last Tran requests, DCC, Credit app proxy. The format of the returned value would be S.sss, where S is seconds (this can be 0 to any positive integer) and sss is milliseconds. In case of any insignificant time or 0.000 value, will not be returned in the response. **Example:** `<HOST_TIME>1.389</HOST_TIME>`
CMD_TIME	Time	This field indicates the total amount of time for a command, which is executed by the application from request received to the response sent. The format of the returned value would be S.sss, where S is seconds (this can be 0 to any positive integer) and sss is milliseconds. In case of any insignificant time or 0.000 value, will not be returned in the response. **Example:** `<CMD_TIME>70.765</CMD_TIME>`

Example

Following is an example of response packet

```
<RESPONSE>
    <RESPONSE_TEXT>Charity Captured</RESPONSE_TEXT>
    <RESULT>OK</RESULT>
    <RESULT_CODE>-1</RESULT_CODE>
    <TERMINATION_STATUS>SUCCESS</TERMINATION_STATUS>
    <AMOUNT_DATA>0</AMOUNT_DATA>
    <POS_RECON>GET ECHO FROM TERMINAL</POS_RECON>
    <COUNTER>17</COUNTER>
    </RESPONSE>
```